SYRIUS PRO
VENTURA PRO
TRUCKMATE PRO

AVN S9000

User manual

SNOOPER
AVN S9000

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Before you begin to use this product, please read this user manual carefully to ensure correct usage and to ensure maximum enjoyment.

Due to continuing improvement the specifications of this unit may change without further notice.

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This manual may not be copied, reproduced or translated in whole or in part without the express written permission of our company. Our company reserves the right to improve, amend or change the product, and it's hardware and software.

This manual is an operating and installation guide only.

The product is subject to change without further notice, any revision will appear in the next edition of this guide.

Performance Products Ltd reserves the right of final interpretation for the manual.

SNOOPER
AVN S9000

Thank you for purchasing the AVN S9000 This system is a multifunction car AV entertainment system with an intuitive GUI, which is designed with for easy operation. Combined with Snoopers award winning navigation software.

Product Functions

Built-in Functions:
Built-in Navigation, Radio, DVD player, Bluetooth hand-free, display and high power amplifier.

Radio Receiving:
High sensitive AM/FM receiver with 24 presets.

DVD Player:
DVD/VCD/CD/MP3/WMA/ JPEG/MPEG4 disc.

USB Port:
Supports USB 2.0.

Bluetooth Hand-free:
Supports Bluetooth hand-free communication.

TouchScreen:

DisplayScreen:
Wide screen, high definition,Thin Film Transistor LCD.

TF CardPort
Micro SD card slot for built in navigation.

Virtual CDC Function
It supports virtual CDC function, can store the songs from a CD on to unit in format of MP3. Capacity: Up to 5 CD's or 60 individual songs.

Optional Function
iPod play function.

AV Function
It support AV input of the external equipment.

iPod Play:
It supports music and video from iPod.

Navigation
Street level navigation provided by Snooper. A choice of Syrius, Truckmate and Ventura navigation packages are available.

Reversing Camera (optional)
Snooper provide a range of reversing cameras specially designed to operate with the AVNS 9000. Please contact you local Snooper dealer for further details or visit www.snooper.eu.

Audio Output Port:
It has 4 channel and 5.1 channel audio output ports, compatible with the external amplifier.

EQ Modes:
Standard, Custom, Pop, Rock, Classic, and Jazz.

Tone Modes:
Features Treble, Mid and Bass adjustments.

Spectrum Display Modes:
5 spectrum modes are available.

Display System:
Auto PAL NTSC compatible.

BBE Sound Effect
With BBE sound effect processing function.

Notes on Installation

We recommend this unit should be installed by a qualified technician. If you intend to install this unit by yourself please refer to the supplied Installation/connections manual .

Improper installation may cause battery drain or a short circuit. If the unit does not work refer to the Troubleshooting Guide on page 89 of this manual. Check the connections, referring to the supplied installation/connections manual.

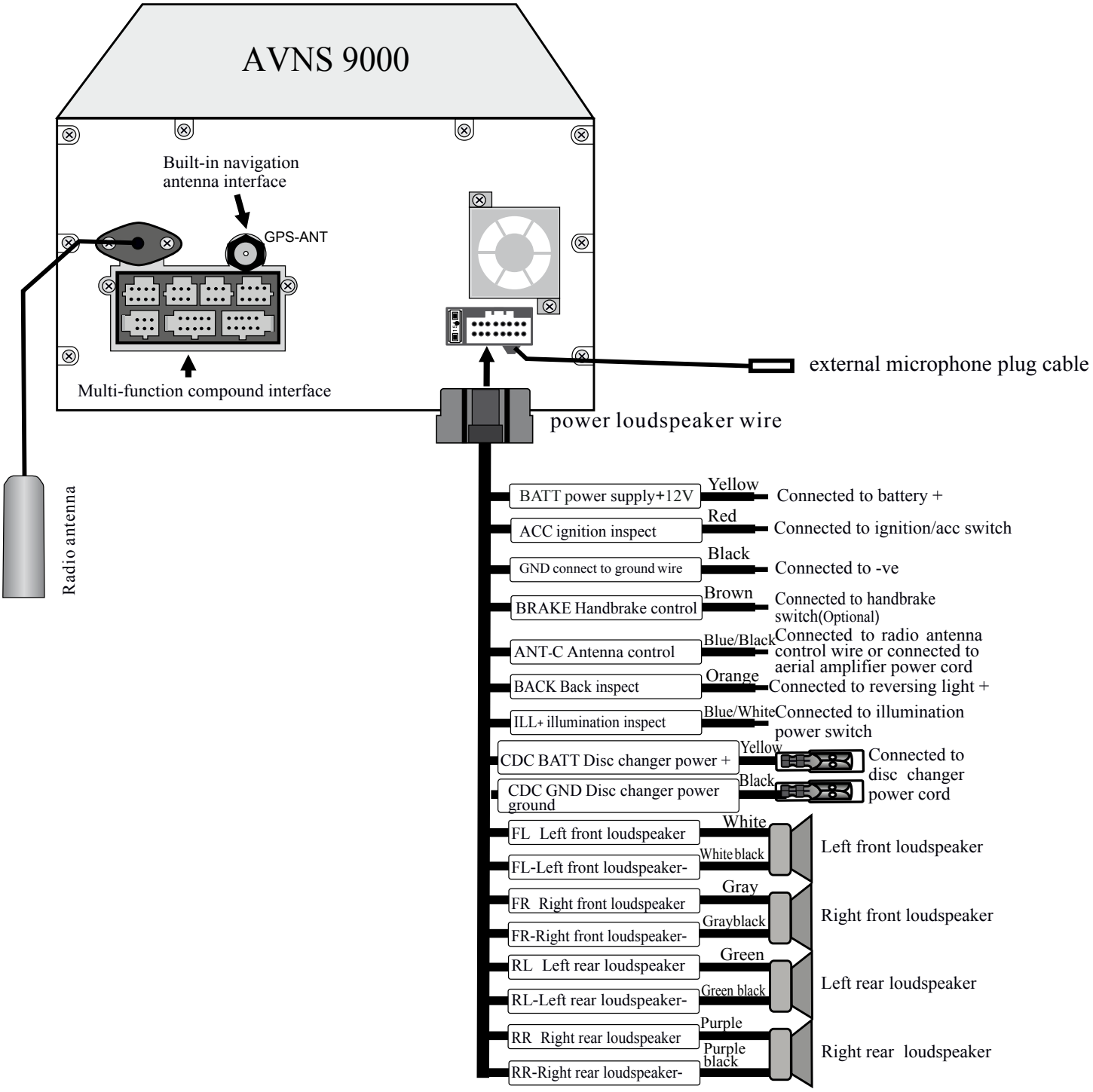
Considerations:

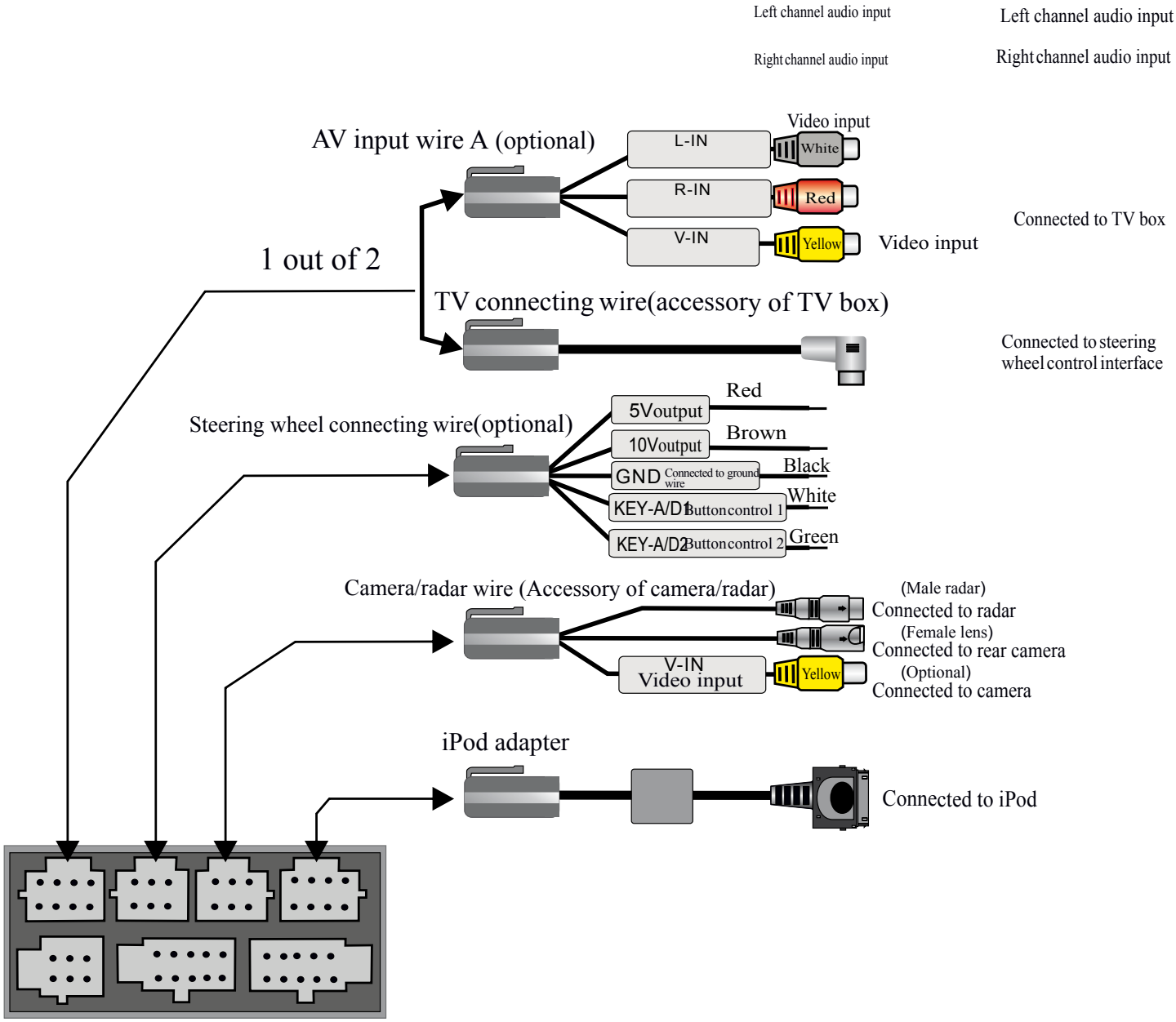
- Protect the unit screen from damage during the installation.
- Do not expose the unit surface to chemicals, such as insecticide, insect repellent, etc.
- When installing, be sure to fix securely. Snooper recommend s AVN S9000 Install kit (not supplied).
- Switch the ignition Off durning the isnstallation. Installing the unit with the ignition On may cause battery drain or a short circuit.
- When installing, be sure not to damage or trap any car parts such as pipes, fuel tank or wiring by using a drill, as this may cause a fire or damage to the vehicle.
- Run all ground (earth) leads to a common ground (earth) point.
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not disassemble or modify the unit.
- Do not install in locations which interfere with airbag operation.
- Do not trap the leads under a screws, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the power supply connection cables to the unit and speakers before connecting it to the auxiliary power connector.
- Be sure to insulate any loose unconnected leads with electrical tape or heat shrink for safety.
- Do not press on the LCD when installing the unit.
- Install the unit with the monitor facing straight forward; do not install it at an angle.

Notes on the power supply lead (yellow)
When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.

When no car circuits are rated high enough, connect the unit directly to the battery.

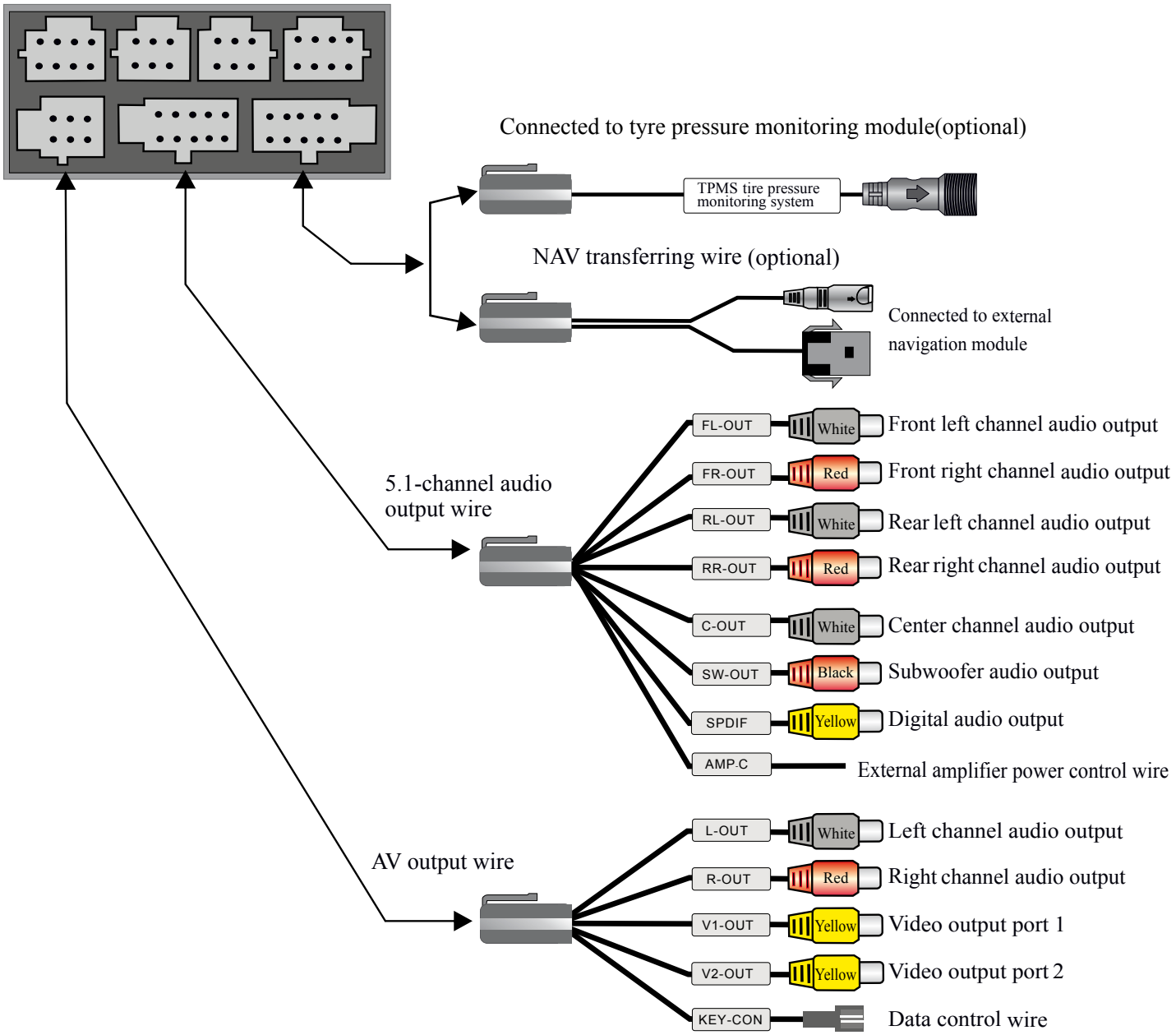
Connection Diagrams





Multi-function compound interface

Multi-function compound interface



SNOOPER
AVN S9000

Notes on Bluetooth

CAUTION
IN NO EVENT SHALL SNOOPER BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF DATA, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, DOWNTIME, AND PURCHASER'S TIME RELATED TO OR ARISING OUT OF THE USE OF THIS PRODUCT, ITS HARDWARE AND/OR ITS SOFTWARE.

IMPORTANT NOTICE!

Safe and efficient use Changes or modifications to this unit not expressly approved by Snooper may void the user's authority to operate the equipment.

Please check for exceptions, due to national requirement or limitations, in usage of Bluetooth equipment before using this product.

Driving
Check the laws and regulations on the use of mobile phones and hands free equipment in the areas where you drive.

Always give full attention to driving and pull off the road (when safe and legal to do so) and park before making or answering a call.

Connecting to other devices
When connecting to any other device, please read its user guide for detailed safety instructions.

Radio frequency exposure
RF signals may affect improperly installed or inadequately shielded electronic systems in cars, such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems or air bag systems. For installation or service of this device, please consult with the manufacturer or its representative of your car. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to this device.

Consult with the manufacturer of your car to ensure that the use of your cellular phone in the car will not affect its electronic system.

Check regularly that all wireless device equipment in your car is mounted and operating properly.

Emergency calls
This Bluetooth car hands free and the electronic device connected to the hands free operate using radio signals, mobile, and landline networks as well as user-programmed function, which cannot guarantee connection under all conditions.

Therefore do not rely solely upon any electronic device for essential communications (such as medical emergencies).

Remember, in order to make or receive calls, the hands free and the electronic device connected to the hands free must be switched on in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all mobile phone networks or when certain network servicesand/or phone features are in use.

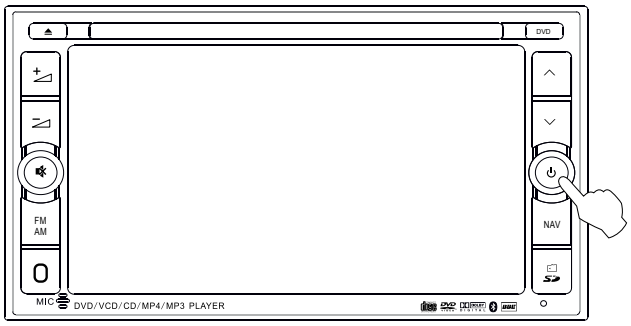
Check with your local service provider.

Operation

Turn ignition switch to the Acc. or On position.

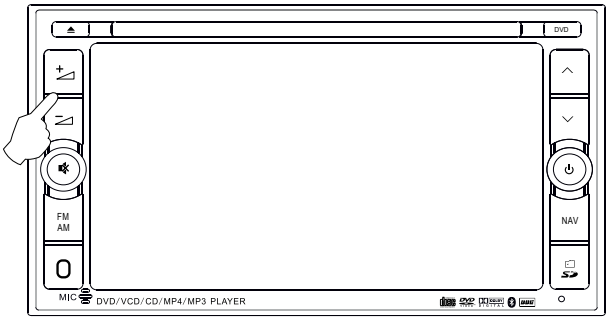
If the system is in standby state, press the ⏻ button to turn on the system.

When the system is on, press and hold the ⏻ button on the panel to enter standby state.



Volume Adjustment

Press the + − button on panel to adjust volume.



Descriptions of Buttons

❶ Eject/load button at DVD/CD. At other mode, press it switch to DVD mode (except navigation state).

❷❸ Increase volume/Decrease volume.

❹ Mute.

❺ Press it switch to radio mode. When it is in radio mode, press to switch band between FM1/FM2/FM3/AM in turn.

❻ Remote controller IR receiver window.

❼ Internal Microphone for Bluetooth. NB this microphone will be disabled if the external microphone is used.

❽ Press it to switch the DVD mode. When it is in DVD mode, press it repeatedly to switch the mode among USB/SD/DVD in turn.

❾ When it is in radio mode, press it to select the next/previous station.

❿ Press and hold it to tune to high -low-frequency band semi automatically

⓫ When the unit is On press once to dim the display, press again to turn the display Off, press once more to switch the display back on again. Press an hold to enter standby mode.

⓬ Enter/exit navigation mode. This port is used for connecting TF card with host unit (For storing map data or for playing a multi media).

⓭ Micro SD card slot, used for Navigation micro SD card. Open the cover to insert the card.

⓮ Reset button. Use a paper clip or similar to gently press the reset button. The unit will revert to factory settings.

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Basic Operation

1.1 Turn on/off the AVN S9000

- Turn on

The unit will switch on an off automatically with the ignition key.

- Turn off

Pull out the car key, and the system will recognize the information to turn off the unit.

Press and hold the power button for more than 2s, and the system will turn off automatically

1. 2 Enter to Home Page Menu

When the AVN unit is powered it will always start in Radio mode.

To enter the '**home page menu**' switch the AVN on and press anywhere on the touchscreen.

To select a function or Mode press the corresponding icon. Touch the "**MAIN**" icon to enter the main page menu.

Note If when an Icon is precessed and the message "Device Not Connected' is displayed, this indicates that there is no connections between the AVN unit and the peripheral unit.

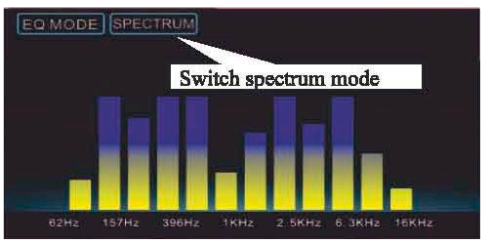
1. 3 Spectrum Display

While the spectrum display is enabled, screen will automatically switch to spectrum mode if there is no operation within 10 seconds when playing in radio, DVD or disc changer status, or CD.

When playing a DVD, open the home page, the screen will switch to spectrum mode after lOs.

Touch "**SPECTRUM**" icon to switch to different spectrum display modes (as figure shows).

Panel Board Spectrum



Rectangle Spectrum

1. 4 Sound Field Mode

During spectrum mode interface, touch EQ MODE to switch to different sound field modes.

- CUSTOM
- POP
- ROCK
- CLASSIC
- JAZZ
- FLAT

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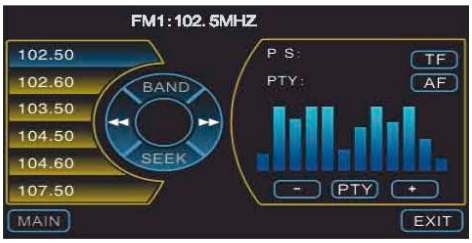
1.5 Volume adjustment of AVN S9000

Plus and Minus buttons to adjust the volume.

Press the mute button to mute the unit, if mute is pressed then .

Radio Operation

2.11 Enter/Exit



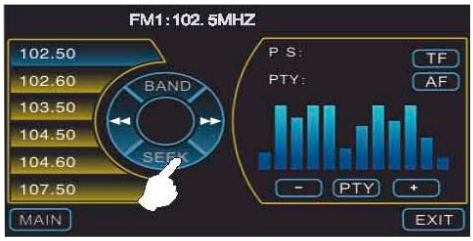
Touch the "MAIN"icon to enter home page interface,and touch RADIO to enter radio interface.

On radio interface, the small spectra shown in the right-side of screen, click the icon "EXIT" to return to Main menu. If no operation within 10 seconds, the unit enters the spectra mode.

Touch the icon "SPECTRUM" to adjust the spectra value, touch the screen again to return to the radio interface .

Touch the icon "Main menu" to enter Main menu, touch these icons to enter the corresponding interface.

2.12 Automatic Search



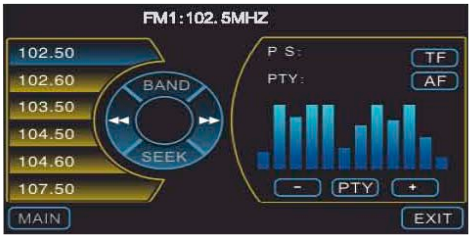
Touch "SEEK" icon to enter automatic search status, and save the station automatically during automatic search.

Touch the "SEEK" icon again to stop automatic search.

18 radio stations can he stored for FM (6 stations for each of FMl, FM2 and FM3), 6 stations can he stored for AM.

FM: 87.50MHz-108.00MHz
AM: 522KHz-1620KHz

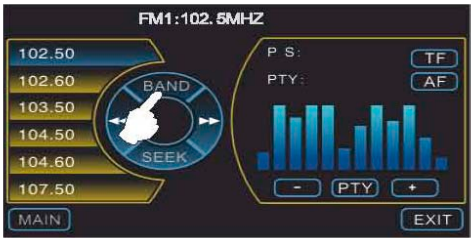
2.13 Semi-automatic Search



Touch icon to seek previous or next available stations.
To program the station, press and hold preset station button.

2.14 Band Selection

Touch "Band" icon slightly to switch among FM!, FM2, FM3 and AM.



2.15 Play Selected Radio

Select the band first, and then press and hold one of the preset bars to set the station.

Selected station will be highlighted.

For example: The figure on the right represents FM1, and frequency of !02.50MHz.

AURA™
Camera & Driving Hazard Database

Registering AVN S9000

IMPORTANT!
PLEASE READ BEFORE USING AVN S9000.

To enable AVN S9000 to locate Fixed Speed Cameras and Accident Black spots you will have to register and download the AURA™ Camera Database.

Register Online
Go to the official website **www.snooperneo.co.uk** and register your unit online. Your unit should normally be activated within 30 minutes of registration.

Please Note: To register AVN S9000 you will need the serial number of your unit which can be found on the top of the device. The serial number is displayed on the unit in the following format, model number followed by the serial number eg AVNS9000M91I123. Alternatively the serial number can be located on the 'Version screen' within the navigation software (refer to page 53 for details)

Monthly Debit or Credit Card payment of £2.99 inc VAT*

Quarterly Debit or Credit Card payment of £7.99 inc VAT*

Annual Debit or Credit Card payment of £29.99 inc VAT

*Minimum subscription term of 12 months.

This user guide explains the functionality of all 3 variants of the AVN S9000, these symbols will illustrate if the feature is relevant to your device

Truckmate

Ventura

Syrius

PLEASE NOTE
Due to our desire to continually improve our products, the specification may change without notice.

Installing the SD Card

Before using the AVN S9000, you will need to install the SD Card included with the device. The SD Card comes complete with digital mapping and is also where the AURA™ camera database is stored if you choose to subscribe and download it.

To start navigation switch AVN S9000 on and press the NAV button Press the 'Navi' icon. When the 'Navi' icon is pressed the AVN S9000 will automatically synchronise AVN S9000 the serial number with the SD Card. Once the synchronisation is completed, the SD Card will not function with any other device. The AVN S9000 is now ready to navigate and the camera database can be downloaded if necessary.

Lift the cover to insert the SD card

NOTE: Take care when inserting and removing the Micro SD card from the AVN S9000

System Requirements and Downloading

Before you can begin to download the database onto AVN S9000, you will need to install the AVN S9000 Updater software provided on the software CD.

In order for the software to be installed successfully, there are certain minimum hardware and software requirements needed.

Hardware Requirements

The computer must have an Intel Pentium Class processor or equivalent, a minimum of 32MB of RAM, a monitor with 256 (8-bit) colours or greater, a CD ROM drive, 20MB of free disc space and a spare USB connection.

Software Requirements
The software will only operate on the following Windows based operating systems:
Windows XP (32 bit)
Windows Vista
Windows 7
and, in addition, will only work with Internet Explorer 6 or Netscape Navigator 6 or above.

NOTE: AVN S9000 Updater software does not support Windows 95, 98, Millennium, 2000 or Apple Macintosh operating systems. Windows XP (64 bit) systems is also not supported.

Software Installation Instructions
Place the Software CD into a CD ROM or DVD drive. Your PC should automatically open a window displaying the instructions for installing the software. Follow the instructions onscreen to install the speed camera updater software.

To launch the CD manually: Click on '**Start**' and then '**Run**'. In the dialogue box that opens click on '**Browse**' – another dialogue box will open. Locate your CD ROM or DVD drive (drive letter is normally D) using the '**Look in**' option and select '**AVN S9000**' from the lower portion of the dialogue box. Once you have selected '**AVN S9000**' click on '**Open**' on the explorer box and then '**OK**' on the **Run** dialogue box.

Please make sure that the operating system installs the new hardware first before installing the Camera Updater software. Once the updater software has been installed click 'Finish' and then close the CD auto run window. After installing the software, click 'Start' then 'All Programs' and select the updater program to start it. Select your 'Language', 'Vehicle Type' and 'Download Settings' when prompted.

Any updates to the speed camera updater software can be obtained from www.snooperneo.co.uk/software.cfm. If you have any problems using this software please call 0333 240 1000 during office hours and select Option 3.

Once the software is installed, you are ready to download the speed camera database onto AVN S9000. Once the initial setup is completed the speed camera updater software runs automatically in the background. This is indicated by the symbol , , , which is located in the system tray in the bottom right hand corner of your desktop near the system clock.

Downloading the AURA™ Camera Database

Please Note: You must register AVN S9000 before you can perform a download.

Performing a download is simple.

1. Switch off the AVN S9000 and carefully remove the Micro-SD card from the AVN S9000. Insert the card into the Micro-SD card reader provided.

2. Power up AVN S9000 by pressing and holding the power button for 2 seconds and ensure that the computer is connected to the Internet.

3.* Right click on the symbol located in the bottom right hand corner of your desktop in the system tray and left click 'Download Settings'.

4. Connect the Micro-SD card reader to a spare USB socket on the PC.

5. Connect the USB lead to your computer and plug the other end of the lead into AVN S9000 in the socket marked with the USB symbol.

6. The updater software will then start to run automatically and download the database files that you have selected onto your unit. The download process is as follows:

Micro SD card reader

- The software will display the serial number of the AVN S9000 and a green progress bar will start to progress across the screen.
- The software will then connect to our database server and then download** the speed camera database.
- The Micro-SD card will then save the data received.
- The software will indicate that the download is complete and will instruct you to disconnect the unit from your PC.

Note: The software will shut down automatically after 5 seconds if you do not disconnect your unit as instructed.

*You only need to do these steps if you wish to change the data that is downloaded onto the AVN S9000. If you want the download settings to be the same as the previous download ignore these two steps.

**If you have a Firewall on your computer, the Firewall software may inform you that the updater software is trying to access the internet. Please make sure that you grant/allow/permit access to the updater program through the Firewall.

Please read the messages supplied by your Firewall software carefully before choosing your option. If you do not allow the program to access the internet through the Firewall, the download process will fail. Once the download is complete, remove the Micro-SD card from the reader and reinsert it back into the AVN S9000.

Satellite Navigation

1. Starting Up

Once you have synchronised the Micro-SD Card and performed a download as necessary it is time to perform the first Start Up. First make sure your vehicle is parked in as open a space as possible, clear of tall trees and buildings so that the built in GPS antenna has a clear view of the sky above. Switch the unit to navigation mode by pressing the NAV button (insert arrow pointing to NAV button). If this is the first time the unit has been used the screen calibration will be shown, follow the on screen instructions to complete the screen calibration.

After the screen has been calibrated, the following warning will be displayed.

Please read the warning and select the relevant vehicle type (where applicable).

Press **"I Agree"** to continue.

Whilst AVN S9000 software is loading a start-up display will be shown for just a few seconds and then the screen will show a section of a map. AVN S9000 needs to acquire a minimum of four satellites in order to work. Once this has been achieved AVN S9000 will ascertain your position and this will be indicated by a green arrow icon on the on-screen map and the GPS signal strength will be shown in the bottom right hand corner of the display. AVN S9000 is now ready to navigate.

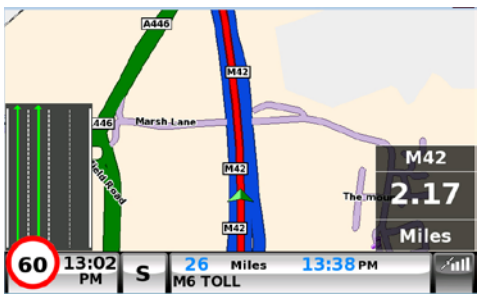
As the GPS engine and antenna have never been used before, the first 'Cold' start can take anywhere from 15 – 30 minutes to establish a satellite connection. Once initialised, subsequent start ups will take less time and eventually should take only a matter of minutes.

2. Easy Set Up

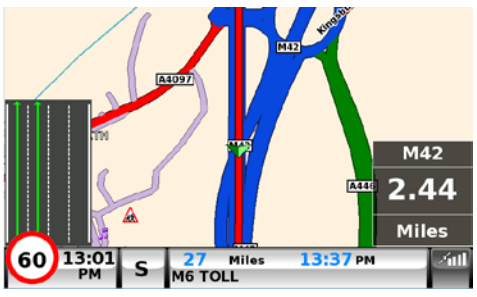
2.1 Screen settings

There are a number of map views or different types of information that can be displayed on the screen at any one time:-

3D



2D



North

Screen views

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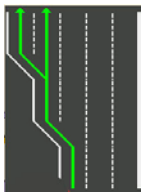
1 

Lane Guidance.
Snoopers' advanced lane guidance will assist the driver by clarifying which lane the vehicle should be using. Snooper has extensive coverage of motorway, complex junctions, some dual carriage way exits and some inner city junctions. The criteria for lane guidance is that the turning lanes or exit lanes will have more than ONE lane to be included.

2

My Speed
The speed limit of nearly every road across Europe can now be clearly displayed on your AVN S9000 at all times. Choose between speed limits for cars and advisory speed limits for trucks from 3.5t and over. In addition, My Speed can also be set to alert you if you accidentally exceed the speed limit at any time. Inappropriate speed is often responsible for many road accidents resulting in serious injuries which some times can even be fatal. MY-SPEED will ensure that you know what the speed limit is on every road you travel on so you can drive safely at all times.

The text will show RED when the speed limit is exceeded

My Speed sounds an audible alert speed limit is exceeded and the current speed 3 Indicator will change from Black to RED text. Refer to page 60 for full details and settings

PLEASE NOTE: These are advisory speed limits ONLY. Always check local road side speed limit signs and abide by local driving regulations and laws of the country you are driving in. It is the responsibility of the driver of the vehicle to ensure that they are driving within the posted speed limit at ALL times

3

or

Current speed or time - Press to change the displayed information.

4

Indicates the current direction of travel

5 Current road name or road number.

6

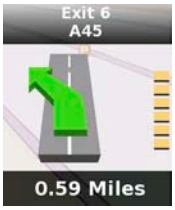
Distance to destination

7

or

Displays the Estimated Time of arrival or remaining journey time. Press to change the displayed information.

8
Current satellite signal strength

9 

This pop up box will be displayed when the driver needs to take 'action' eg move to the left in 0.59 miles.

The indicator will count down the distance.

10

Route timer. Set Route timer to alert you when you need to take a break. Set the maximum driving time allowed and set the advanced warning time you require before your next break is due. The Route timer clock will keep you advised of the driving time you have left and will automatically alert you when it's time to take a break. Refer to page 64 for details.

Additional warning or information pop ups will appear at the bottom left hand corner of the screen. If lane guidance is displayed then the warning pop ups will be displayed at the top left hand side of the screen.

Restrictions

- Height
- Width
- Length
- Weight
- No trucks allowed
- No trailers
- No U-turn for trucks
- No right turn for trucks
- No left turn for trucks
- Trucks with hazardous goods forbidden
- Trucks with natural goods harmful to water forbidden

Warning

- Steep road up ahead
- Steep road down ahead
- Tight bend ahead
- Side winds
- Risk of grounding

or ONLY - Restriction and warnings will be displayed in the bottom left hand side of the screen, if lane guidance is also being displayed the restriction and/or warning will be displayed in the top left hand corner of the screen.

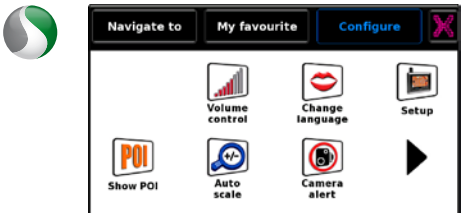
Junction view

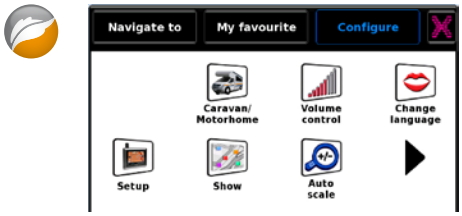
Full screen images of main motorway junctions are displayed in advance to help you navigate more safely. These junction view images will be displayed on the screen for approximately 5 seconds

Examples of Junction view.

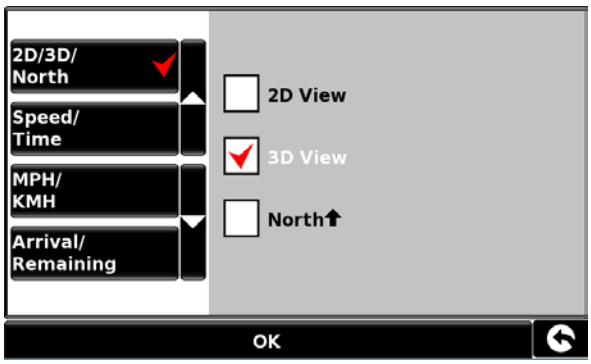
To modify the information shown:

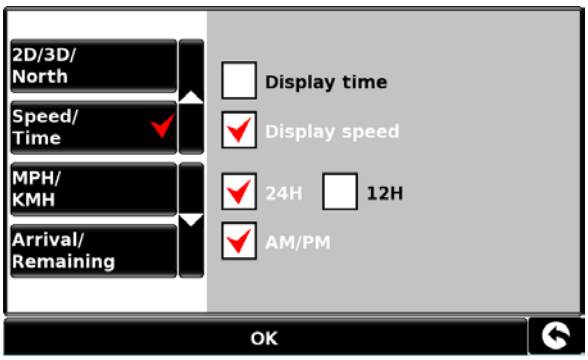
- Press the centre of the screen to access the menu.
- Press the **'Configure'** button.





- Press the icon where you will see the list of options below.
- Select the option you wish to change on the left.
- To change a setting, simply press on the tick box to indicate which option you would like to choose.
- Continue to select each option and select your preference.
- Press 'OK' at the bottom of the screen to save your preferences.





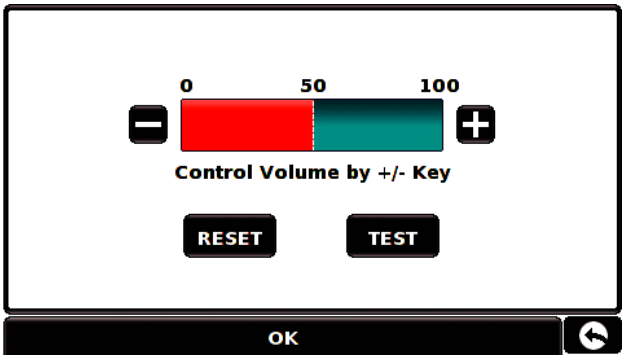
use the up and down arrows to scroll to other options

Your chosen settings will now be saved and will appear on the screen each time you use AVN S9000. If you want to switch between your Current Speed and the Atomic Clock or the Estimated Time of Arrival and Time to Destination during your journey simply touch the screen where either piece of information is displayed and the unit will display the alternate setting and vice versa. However each time you power the device up the original setting will be displayed.

2.2 Volume Control

The volume can be adjusted using this function within the **'Configure'** menu. To adjust the volume:

- Press the centre of the screen to access the 'Menu'.
- Press **'Configure'**.
- Press the **'Volume Control'** icon.
- To increase the volume press the + icon.
- To decrease the volume press the − icon.
- To test the volume before saving, press the **'Test'** icon.
- To reset the volume to the factory default press the **'Reset'** icon.
- Press '**OK**' at the bottom of the screen to save your setting.

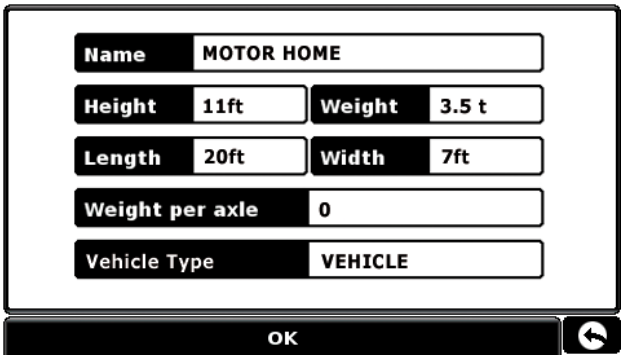


Note: The arrow icon in the bottom right hand corner of the display will return you to the 'Configure' menu if pressed but will not store any changes you have made. You need to select the 'OK' button in order to save your changes.

Setting up vehicle parameters

For Ventura to calculate a route suitable for your vehicle it needs to know certain information about the vehicle itself such as its height, weight and width. It is possible to save the settings of 10 different vehicles. Follow these instructions to enter your vehicles details.

Press the centre of the screen to access the menu, press **'Configure'** and then press the **'Caravan/Motorhome'** icon.



Name: Enter the name here.

Height: Enter the height of the vehicle here.

Length: Enter the length of the vehicle here.

Weight: Enter the weight of the vehicle here.

Width: Enter the width of the vehicle here.

Weight per axle: Enter the weight per axle of the vehicle here

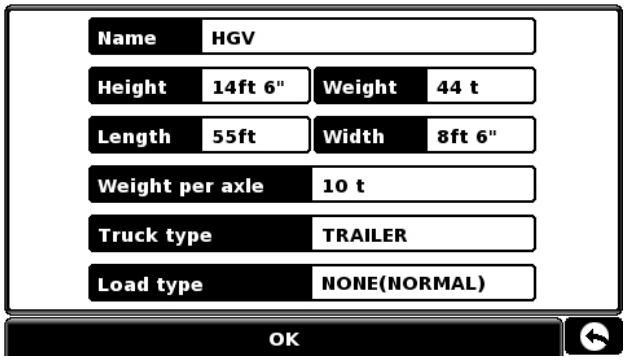
Vehicle type:

- **Fixed Axle:** Standard setting for fixed axle vehicles.
- **Trailer:** Specific traffic rules exist for vehicles towing caravans. For example, there are roads that are forbidden for towing vehicles. These will be avoided.

Setting up vehicle parameters

For Truckmate to calculate a route suitable for your vehicle it needs to know certain information about the vehicle itself such as its height, weight and width. It is possible to save the settings of 10 different trucks. Follow these instructions to enter your vehicles details.

Press the centre of the screen to access the menu, press **'Configure'** and then press the **'Truck'** icon.



Name: Enter the name here.

Height: Enter the height of the vehicle here.

Length: Enter the length of the vehicle here.

Weight: Enter the weight of the vehicle here.

Width: Enter the width of the vehicle here.

Weight per axle: Enter the weight per axle of the vehicle here

Truck type:

- **Truck:** Standard setting for fixed axle vehicles.
- **Trailer:** Specific traffic rules exist for trucks with trailers. For example, there are roads that are forbidden for vehicles with trailers. These will be avoided.
- **Delivery:** Specific traffic rules exist for delivery vehicles. For example, trucks are only allowed in certain areas if they are delivering goods.
- **Public:** Certain vehicles are allowed to use the traffic rules of public vehicles such as buses and money transport vehicles.

Load type:

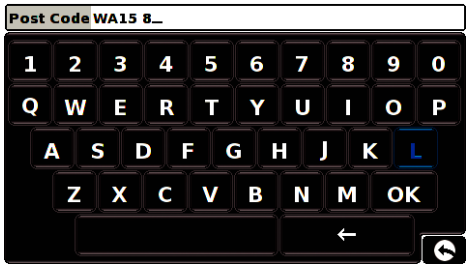
- **None** (Normal)
- **Hazardous:** Hazardous goods that are not explosive or harmful for water.
- **Explosive and Flammable**
- **Harmful for water**

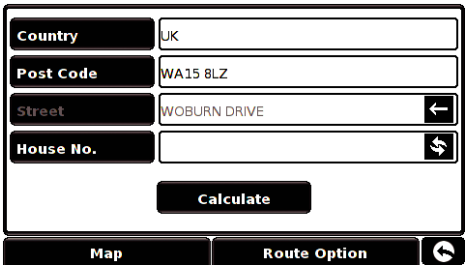
3. Planning a route

There are several ways to plan a route on AVN S9000.

3.1 Find by post code

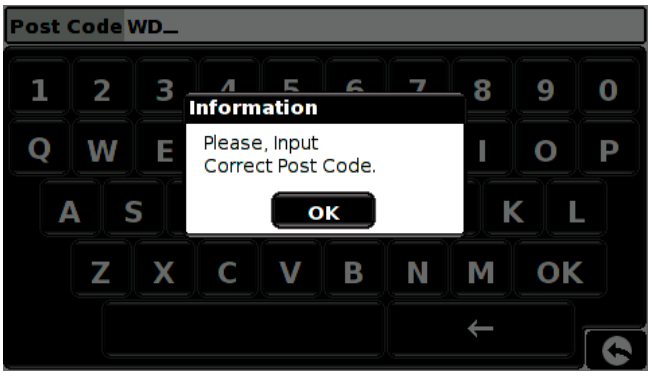
- Press the centre of the screen to access the **'Navigate to'** menu.
- Press the **'Find by post code'** icon.
- If you have the European version of AVN S9000, you will need to select the **'Country'** first BEFORE typing the postcode. (If the correct country is already displayed, go to the next step). Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.
- Press **'Post code'** and enter the full postcode using the onscreen keyboard.
- Press the **'OK'** button on the keyboard.





Please Note: The button on the keyboard with no character on it is the 'Space' key. A space between the two parts of the postcode MUST be entered in order for the postcode to be recognised.

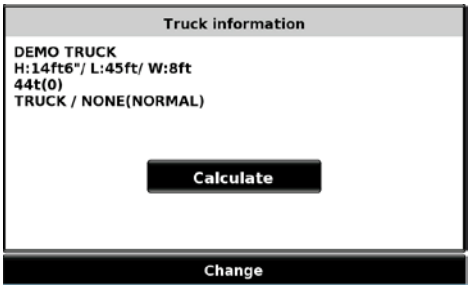
If the following message is displayed **'Please, input correct postcode'**, the postcode has been entered incorrectly. Press **OK** and retype the postcode.

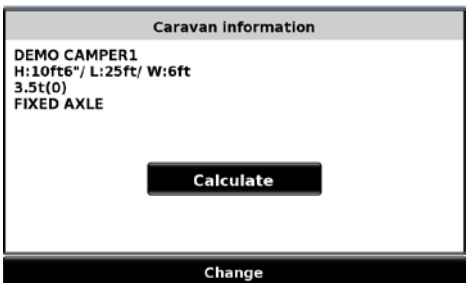


- AVN S9000 will display a screen showing the postcode and the street name.
- If you know the house/property number of your destination, press the **House No.** button to enter it .
- Once you have entered the house number press the **'OK'** button. NOTE: For Truckmate or Ventura models you can select the vehicle type before the journey is calculated.

- Alternatively, if you do not have a house or building number, you can navigate to a point where two roads meet instead.

  Press the **'Intersection'** button and select the road **Intersection**.





- Press the **'Calculate'** button.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

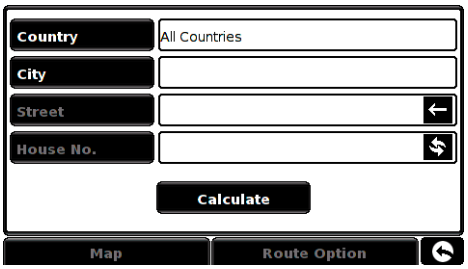
Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

User advice
By subscribing to and downloading the AURA™Speed Camera database you will automatically be alerted to all 'Fixed' Speed Cameras and other Accident Hotspots during your journey ensuring that you are always aware of the correct speed limit whilst travelling along any particularly hazardous stretches of road.

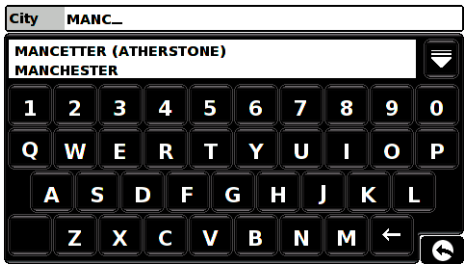
AURA™ Camera & Driving Hazard Database

3.3 Find by city

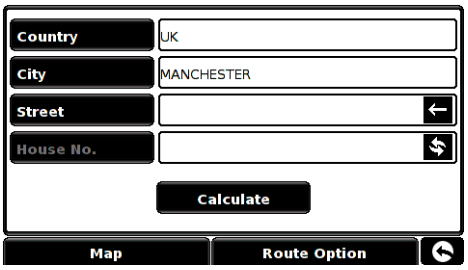
If you do not know the postcode but have the street name and the town or city that you would like to navigate to, then select this option.



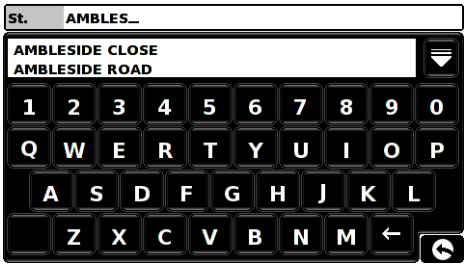
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Find by city'** icon.
- Select the **'Country'** first BEFORE typing the city. (If the correct country is already displayed, go to the next step). Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.
- Next press **'City'** and enter the city name using the keyboard displayed.



As you begin to input the city name, AVN S9000 will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger. If you wish to view the list of possible destinations in full, press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.

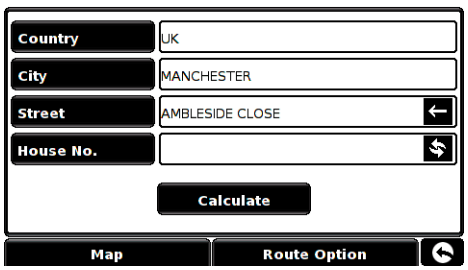


- Press **'Street'** and use the keyboard displayed to type in the street name.



As you begin to input the road or street name, AVN S9000 will automatically prompt you with a list of possible matches similar to when searching for **'City'** described above. When you see the road you require select it by pressing it with your finger.

- If you wish, you can enter the property number by pressing **'House No.'** and then typing the house number on the keyboard. Once the house number has been selected, press the **'OK'** button. **Note: Truckmate & Ventura**-After the **OK** button is pressed an additional screen will be displayed where you can choose the relevant vehicle. Press **'Change'** to edit the vehicle choice or **'OK'** to to continue.
- Press the **'Calculate'** button.



Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

Return to contents

3.3.1 Home

You can navigate easily and quickly from a previous journey or destination to your home, by personalising AVN S9000 so that a route can be calculated by pressing just a few buttons.

3.3.2 Setting the 'Home' Destination

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Home'** icon.

The first time the 'Home' function is used an information screen is displayed saying 'Set Home? Press 'OK' in the information window to continue, press 'CANCEL' to exit. If 'Home' has already been set it can be edited in My Favourites – refer to section 4.4 on page 48

- You can search for your address by using one of the following options: **'Find address by city'** or **'Find address by post code'**. Please refer to **3.1** and **3.2** above on how to use these functions.
- Once you have entered the **'Home'** destination, a new field is available for you to **'Name'** the destination.
- Press **'Name'** and a keyboard will be displayed with the road name you selected.
- Press the **'Arrow'** key to erase this data then input the new name using the keyboard.

Please note: You can enter a new name for the home destination using up to a maximum of sixteen characters.

- Press **'Save'** once you have entered the name.
- Once your home address has been saved, AVN S9000 will be able to calculate a route to this address.

3.3.3 Using the 'Home' Function

- To calculate a route:
- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Home'** icon.

AVN S9000 will display details of the destination and offer a **'Go'** button and a **'Route Option'** button. Press **'Go'** to begin your journey.

3.4 Office

You can navigate easily and quickly from a previous journey or destination to your office or place of work, by personalising AVN S9000 so that a route can be calculated by pressing just a few buttons.

3.4.1 Setting the 'Office' Destination

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Office'** icon.

The first time the 'Office' function is used an information screen is displayed saying 'Set Office? Press 'OK' in the information window to continue, press 'CANCEL' to exit. If 'Office' has already been set it can be edited in My Favourites – refer to section 4.0 on page 49.

- You can search for your address by using one of the following options:
  'Find address by city' or **'Find address by post code'**. Please refer to **3.1** and **3.2** above on how to use these functions.

Once you have entered the **'Office'** destination, a new field is available for you to **'Name'** the destination.

- Press **'Name'** and a keyboard will be displayed with the road name you selected.
- Press the **'Arrow'** key to erase this data then input the new name using the keyboard.

Please note: You can enter a new name for the office destination using up to a maximum of sixteen characters.

- Press **'Save'** once you have entered the name.

Once your office address has been saved, AVN S9000 will be able to calculate a route to this address.

3.4.2 Using the 'Office' Function

To calculate a route:
Press the centre of the display to enter the **'Navigate to'** menu.

- Press the **'Office'** icon.
  AVN S9000 will display details of the destination and offer a **'Go'** button and a **'Route Option'** button. Press **'Go'** to begin your journey.

3.5 Recent Route or Clear route

AVN S9000 automatically stores the last route that has been calculated, so that if you wish to return to that address you do not have to re-input all the details again.

- To use this function:
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Recent Route'** icon.

AVN S9000 will now calculate the route to your selected location.

Once a route has been calculated, the **'Recent Route'** icon is replaced with a **'Clear Route'** icon. To cancel a route that you have calculated:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Clear Route'** icon.

The route will then automatically be deleted.

Please Note: For the 'Clear Route' feature to operate you will need to have entered and calculated a route. If the 'Recent Route' icon is displayed a route has NOT been entered.

3.6 Multi route

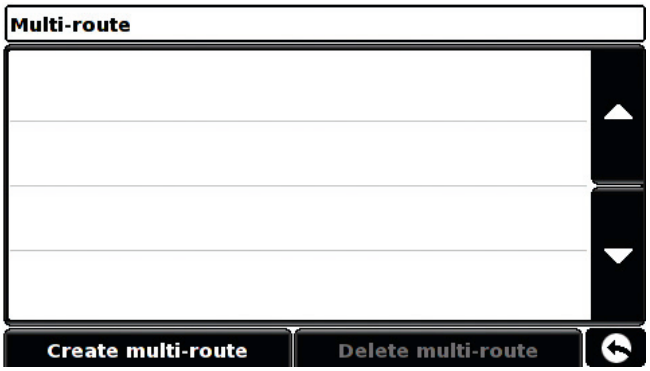
With AVN S9000 you have the facility to enter more than one destination at a time (for instance if you wish to visit other locations before reaching your ultimate destination). You can store up to seven multi-routes, with up to sixteen destinations within each multi-route. The unit will process and calculate the destinations in the following order: A to B, B to C, and C to D etc. When entering the destinations you are able to review the routes and change the order of the routes before pressing **'Go'**.

3.6.1 Create a Multi-route

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Multi-route'** icon.

You will then see the 'Multi-route screen' that allows you to:

- Create a multi-route
- Use or edit a previously stored multi-route
- Delete a multi-route.



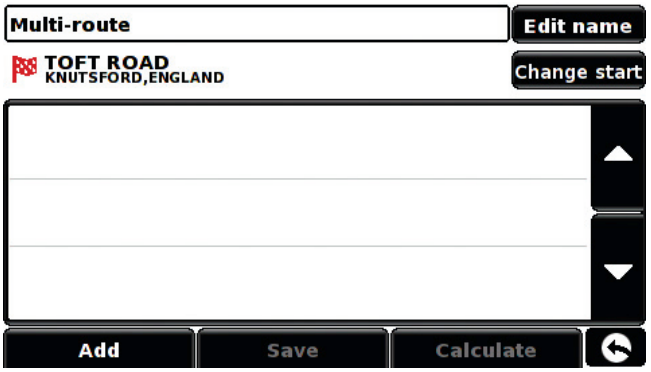
- Press **'Create multi-route'**.
  A screen is displayed where you can:
  > **'Edit'** the name of the multi-route
  > Change the start point of the multi-route
  > **'Add'** your destinations.
  > **'Save'** your destinations
  > **'Calculate'** your multi-route

- Press **'Edit Name'** to create a name for your new multi-route.

Please note: You can enter a new name for the multi-route using up to a maximum of sixteen characters.

- Press the **'Arrow'** key to delete the current name for your multi-route.
- Type the new name of your multi-route using the keyboard.
- Press the **'Save'** button in the top right hand corner.

If you wish to change the start position of the multi-route, press 'Change Start' to change it. You are provided with several options to select your start position. To find out how to use these options please refer to the applicable sections earlier in this user manual.



If you are happy with the start position, you can now begin to enter the data of your first destination.

- Press **'Add'** – you are provided with several options to find your destination stage:
  > Find address by city
  > Find address by post code
  > Find by POI
  > Find by recently used
  >Find by favourites

To find out how to use these options please refer to the applicable sections in this user manual.

- Once you have entered the data press **'Set'**.
- The destination stage will now appear in the multi-route screen.
- Press **''Add'** to enter additional destination stages.
- Once you have entered all your destination stages press **'Save'**.

3.6.2 Editing a Multi-route

If you wish to change the order or delete any of the stages in the multi-route:
- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Multi-route'** icon.
- Press the name of the multi-route destination you wish to edit
- Press one of the stages listed and some new options will appear near the bottom of the display.
  > To move the selected stage press the **'UP'** or **'Down'** arrow.
  > To delete the stage press the **'Bin'** icon.
  > To return to the stage list press the **'Return Arrow'.**

Note: These functions only apply to the stage that you have selected. To edit the other stages in the list press the 'Return Arrow' in the bottom right hand corner of the screen and select the new stage.

Once you have made your desired changes press **'Save'**.

3.6.3 Using the Multi-route function

To use a saved multi-route:
- Press the centre of the screen to enter the **'Navigate to'** menu
- Press the **'Multi-route'** icon.
- Press the name of the multi-route destination you wish to use
- Press **'Calculate'**.

AVN S9000 will calculate the route to each destination stage and provide a new summary screen with the distance to each destination stage along with the estimated duration of the journey to each destination stage from the start point.

- If you wish to view the calculated route on a map, press **'Map'**.
- If you wish to start using the Multi-route, press **'Go'.**

Please Note: If you press one of the stages listed before pressing **'Go',** you will see a summary screen where you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken or **'Guide'** which will list the turn by turn instructions for that stage of the journey. The **'Summary Screen'** will also display the distance to your destination, estimated time of arrival and the estimated time it will take to complete that stage of the journey.

Once you have pressed **'Go'** AVN S9000 will now display your current map position along with a small summary screen located in the bottom left hand corner. The following information is displayed on the summary screen:

Estimated time of arrival to first destination.

Stage 1/2 - indicates this is the first destination of the journey

Distance to first destination

Total distance of multi-route journey

Estimated time of arrival at the end of multi-route journey.

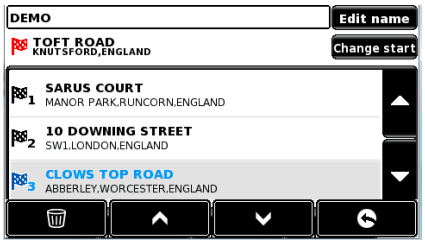
If, during the journey, you wish to cancel the current stage and begin travelling to the next stage in your multi-route journey press the summary screen in the bottom left hand corner of the display and the message **'Delete current stage?'** will be displayed. Press **'OK'** and the unit will calculate your route to the next stage in the multi-route from your current position.

Note: If AVN S9000 is turned 'OFF' and then 'ON' during a multi-route journey the device will retain the current route and ask you if you wish to continue with the current destination or with the next stage of the destination or to cancel the multi-route.

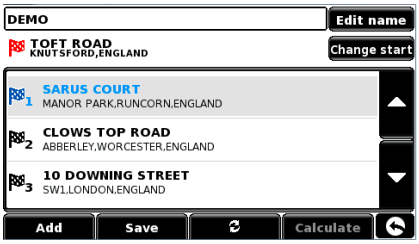
3.6.4 Auto arrange Multi-route

Once you create a multi-route AVN S9000 can arrange the multi-route into a logical order by pressing the icon

Before



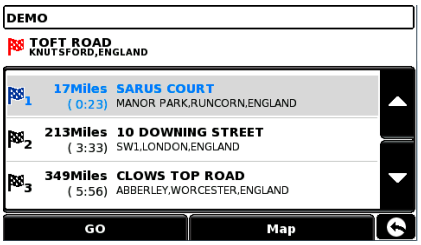
After



Once the route has been arranged press the Save icon then press Calculate

AVN S9000 will now calculate the multi-routes estimated time and distances

Then displays the route summary



Press GO to continue or Map to display the route on a map

3.7 Find by favourites

AVN S9000 has the capacity to store up to 150 user locations. To add your favourite locations see Section **4.1.1** on page 45.

To navigate to one of your stored locations:
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Find by favourites'** icon.
- Select the favourite you wish to navigate to from the list provided.

The information about your chosen favourite is displayed.
- To start the journey press **'Calculate'**
- To change the route parameters press **'Route Option'** (see Section 6.0: Route Options on page 65 for specific instructions).
- To view the location of the favourite, press **'Map'**.
- To return to the previous page press the return arrow located in the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

Press ▶ to move to the next screen

3.8 Recent destination

AVN S9000 is capable of storing the last 40 routes that have been calculated, so that if you wish to return to an address you do not have to re-input the details again.

To calculate a route using the **'Recent destination'** function:
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Recent destination'** icon.
- Select the recent route you wish to navigate to from the list provided*.

*A list of your most recent routes will be shown in chronological order. Use the arrows on the right hand side of the display to scroll up and down through the list and select the destination you would like.

To start the journey press **'Calculate'**
- To change the route parameters press **'Route Option'** (see Section 6.0: Route Options on page 65 for specific instructions).
- To view the location of the recent destination, press **'Map'**.
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

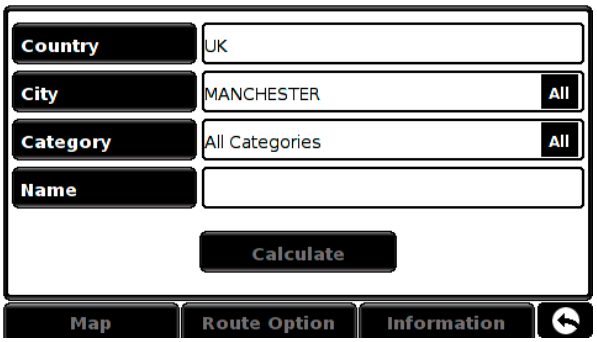
Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.9 Find by POI (points of interest)

If you would like to calculate a route to a hotel, airport, restaurant or even a golf course AVN S9000 can calculate a route using its extensive database of POI's (Points of Interest).

To navigate using this database:

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Find by POI'** icon.
- Press **'Country'** and select the country where you would like to find the POI. (If the country is already displayed, go to the next step). Use the arrow keys on the right to scroll up and down the options.
- Next press **'City'** and enter the city name using the keyboard displayed.



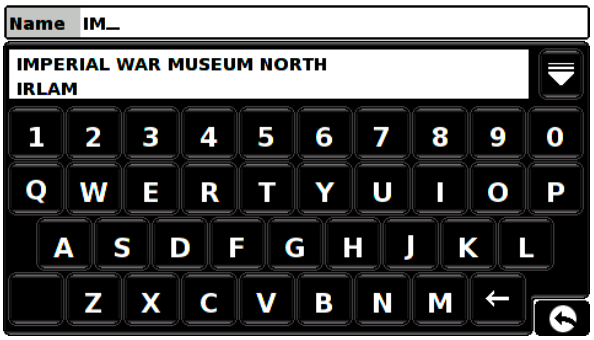
As you begin to input the city name, AVN S9000 will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, select it by pressing that name with your finger. If you wish to view the list of possible destinations in full, press the down arrow to the top right hand corner of the display and a list will be displayed then, select your destination. Use the arrow keys on the right hand side of the display to scroll through the list.

- Press '**Category'** and enter the category type using the keyboard displayed.

If you do not know which category to type you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.

- Press **'Name'**. If the name of your POI is displayed in the lower window select it with your finger. Alternatively you can start typing the name to narrow the options and then select it.

All the fields are now filled in for your chosen POI.

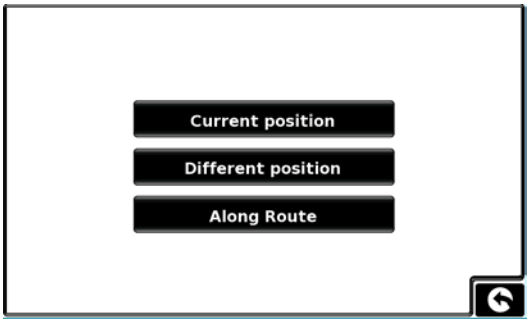


- To start the journey press **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6.0: Route Options on page 65 for specific instructions).
- Press **'Information'** to see more details about the POI.
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

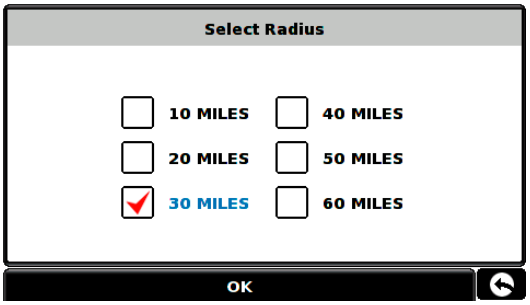
Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.10 Find by nearest POI



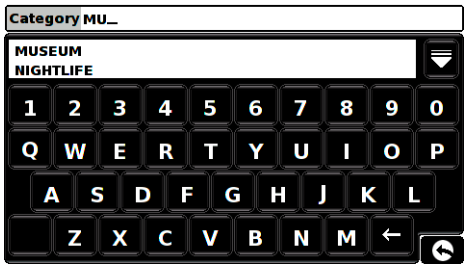
This function will help you to find the nearest POI from either your **'Current Position'** or a **'Different Position'** within a certain radius which can specified up to a maximum of 60 miles.

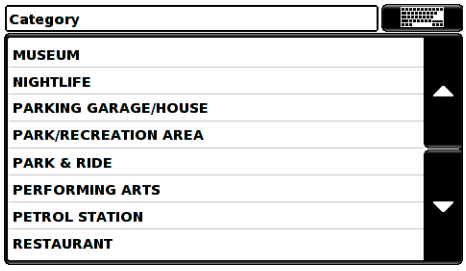
3.10.1 To navigate using the 'Current Position'



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Find by nearest POI'** icon.
- Select **'Current Position'**
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press **'OK'**
- Press '**Category'** and enter the category type using the keyboard displayed.

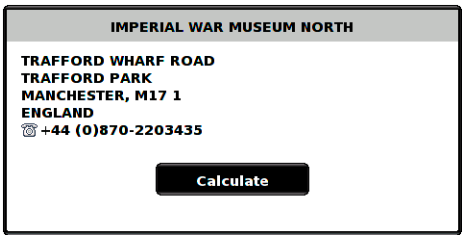
If you do not know which category to type, you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.





MUSEUM
MANCHESTER MUSEUM : 6mile
MANCHESTER UNITED MUSEUM : 6mile
DUNHAM MASSEY HALL : 6mile
METROPOLITAN GALLERIES : 6mile
ORDSALL HALL MUSEUM : 6mile
IMPERIAL WAR MUSEUM NORTH : 7mile
THE LOWRY : 7mile
NATIONAL MUSEUM OF LABOUR HISTORY : 7mile

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger

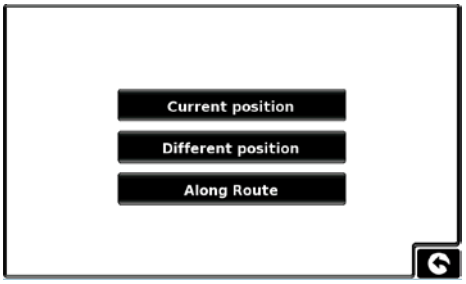


- To start the journey press **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6.0: Route Options on page 65 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

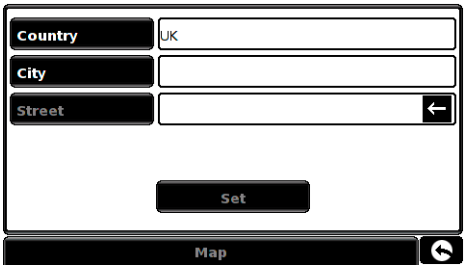
Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.10.2 To navigate using a 'Different Position'



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Find by nearest POI'** icon.
- Select **'Different Position'**
- Press **'Country'** and select the country where you would like to find the POI. (If the country is already displayed, go to the next step). Use the arrow keys on the right to scroll up and down the options.
- Next press **'City'** and enter the city name using the keyboard displayed.



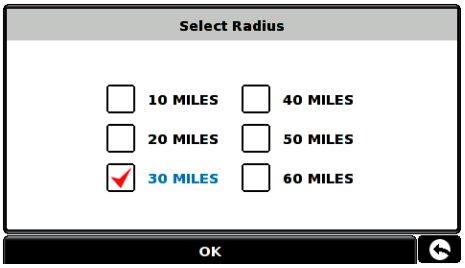
As you begin to input the city name, AVN S9000 will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger. If you wish to view the list of possible destinations in full, press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.

- Press **'Street'** and use the keyboard displayed to type in the street name.

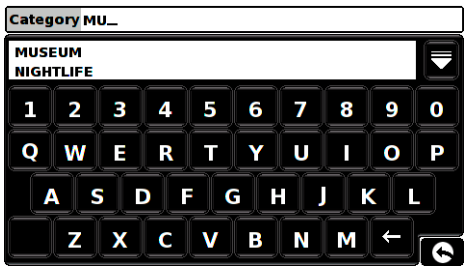
As you begin to input the road or street name, AVN S9000 will automatically prompt you with a list of possible matches similar to when searching for **'City'** described above. When you see the road you require select it by pressing it with your finger.

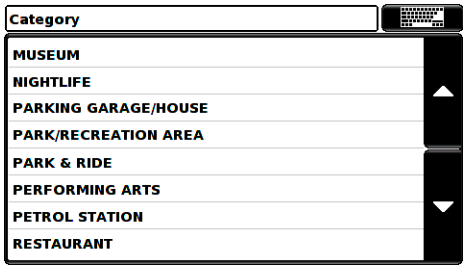
Once all fields have been completed you can view the new position by pressing **'Map'** at the bottom of the screen.

- Press **'Set'**
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press **'OK'**
- Press **'Category'** and enter the category type using the keyboard displayed.



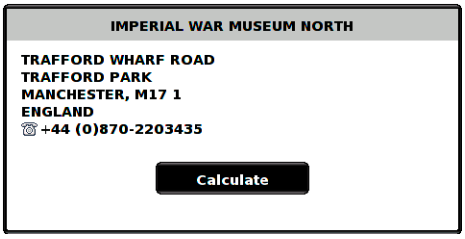
If you do not know which category to type, you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.





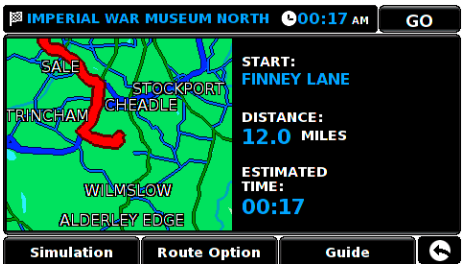
MUSEUM
MANCHESTER MUSEUM : 6mile
MANCHESTER UNITED MUSEUM : 6mile
DUNHAM MASSEY HALL : 6mile
METROPOLITAN GALLERIES : 6mile
ORDSALL HALL MUSEUM : 6mile
IMPERIAL WAR MUSEUM NORTH : 7mile
THE LOWRY : 7mile
NATIONAL MUSEUM OF LABOUR HISTORY : 7mile

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger.



- To start the journey press **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6: Route Options on page 65 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.



Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.10.3 To navigate using 'Along Route'

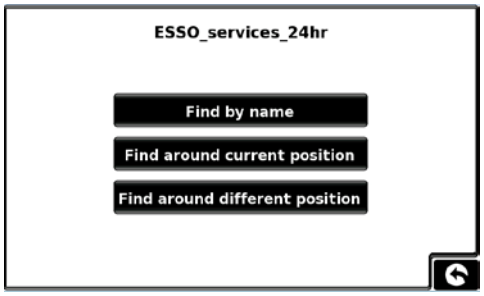
Choose to search from our extensive list of Point's of Interest using our new 'Corridor Search' facility. The "Corridor Search' search function enables you to search specifically along your pre-programmed route.

The instructions to use this facility are the same as above (see Section 3.10.2) but select **'Along Route'** to open the search.

3.11 User POI

The AVN S9000 comes pre loaded with a number of 'User POI's'. You can add additional POI (Points Of Interest) by downloading them to the device via a PC. The User POI Updater program can be downloaded from: https://www.snooperneo.co.uk/Software.cfm. Once the program is installed it will be possible to select additional POI lists for the AVN S9000.

To navigate using User POI:

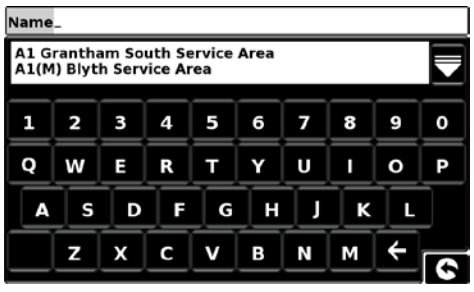


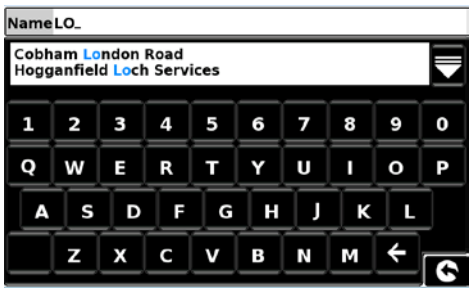
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **User POI'** icon.
- A list of installed User POI's will appear, select the one you want to navigate to by pressing the name.
- The option to:
  Find around current position
  Find around different position will be displayed.

3.11.1 Find by name

- If you know the name of the POI you are looking for select **'Find by name'** and then type the name of the POI.

Press ▼ to reveal more locations

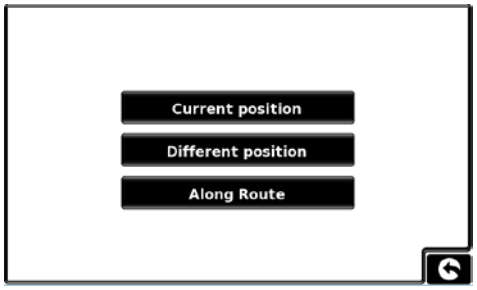




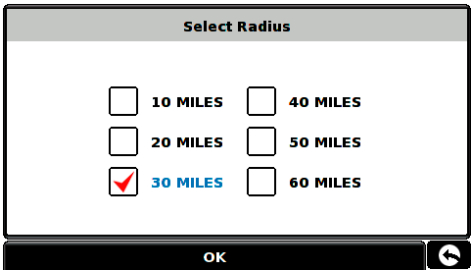
Select the POI with your finger; an information screen will be displayed. Press **'OK'** if the POI is correct, press **'Map'** to view the POI location on the map, press **'Route options'** to change start position or press to return to the previous screen.

Press **'Calculate'** and a journey summary screen will be displayed. Press **'GO'** to start navigation.

3.11.2 Find around current position



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow once.
- Press the **'User POI'** icon.
- Press the POI you wish to look for
- Select **'Find around current position'**
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press **'OK'**



ESSO_services_all
Chalk Farm Services
[1mile]HAWLEY STREET, NW1, LONDON, ENGLAND
Camden Express
[1mile]CAMDEN MEWS, NW1, LONDON, ENGLAND
Maida Vale Express
[2mile]W9, LONDON, ENGLAND
Nine Elms Services
[2mile]WANDSWORTH ROAD, SW8, LONDON, ENGLAND
Nine Elms Services (Market Side)
[2mile]WANDSWORTH ROAD, SW8, LONDON, ENGLAND
Battersea Services
[2mile]NINE ELMS LANE, SW8, LONDON, ENGLAND
Thames Services
[2mile]CLAPHAM ROAD, SW9, LONDON, ENGLAND

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger

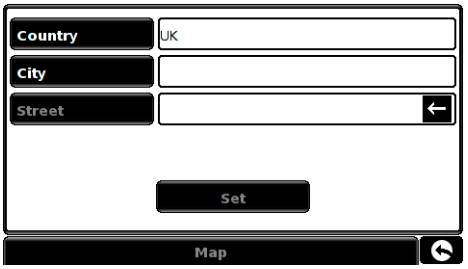
- To start the journey press **'OK'** followed by **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6: Route Options on page 65 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.11.3 Find around different position

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'User POI'** icon.
- Press the POI you wish to look for
- Select **'Find around different position'**
- Press **'Country'** and select the country where you would like to find the POI. (If the country is already displayed, go to the next step). Use the arrow keys on the right to scroll up and down the options.
- Next press **'City'** and enter the city name using the keyboard displayed.

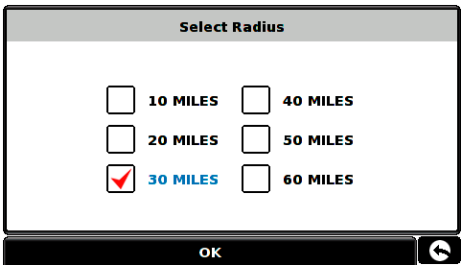


As you begin to input the city name, AVN S9000 will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger. If you wish to view the list of possible destinations in full press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.

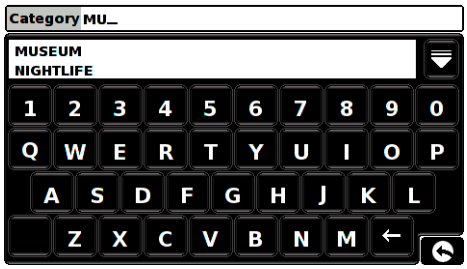
- Press **'Street'** and use the keyboard displayed to type in the street name.

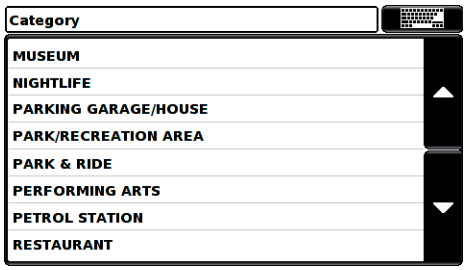
As you begin to input the road or street name, AVN S9000 will automatically prompt you with a list of possible matches similar to when searching for **'City'** described above. When you see the road you require select it by pressing it with your finger.

Once all fields have been completed you can view the new position by pressing **'Map'** at the bottom of the screen.



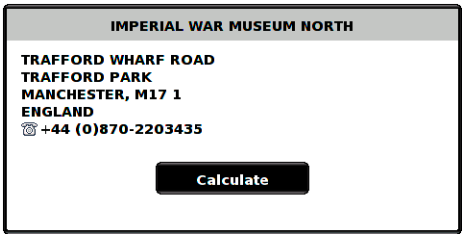
- Press **'Set'**
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press **'OK'**





MUSEUM
MANCHESTER MUSEUM : 6mile
MANCHESTER UNITED MUSEUM : 6mile
DUNHAM MASSEY HALL : 6mile
METROPOLITAN GALLERIES : 6mile
ORDSALL HALL MUSEUM : 6mile
IMPERIAL WAR MUSEUM NORTH : 7mile
THE LOWRY : 7mile
NATIONAL MUSEUM OF LABOUR HISTORY : 7mile

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger



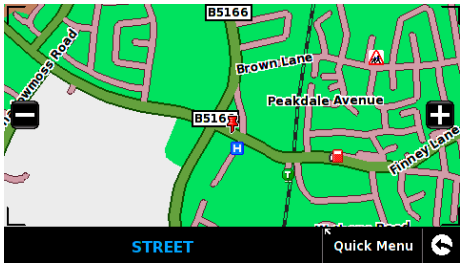
- To start the journey press **'OK'** followed by **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6: Route Options on page 65 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.12 Find by map

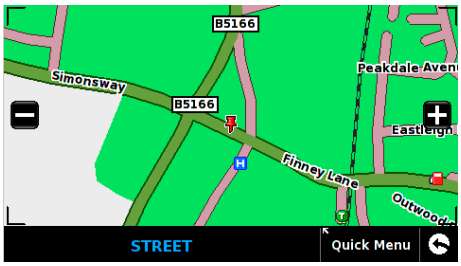
This function allows you to select a destination by simply selecting any road on any area of the map stored within your unit or alternately you can navigate to motorway junction numbers.



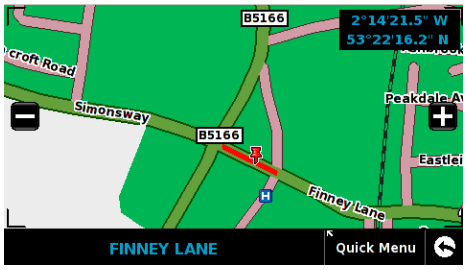
To navigate using this facility

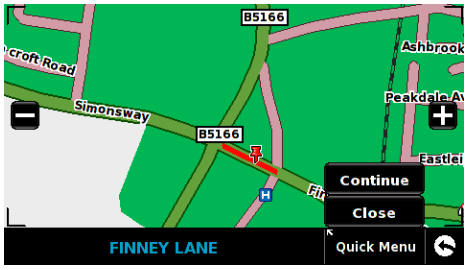
- Press the centre of the screen to access the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Find by map'** icon.

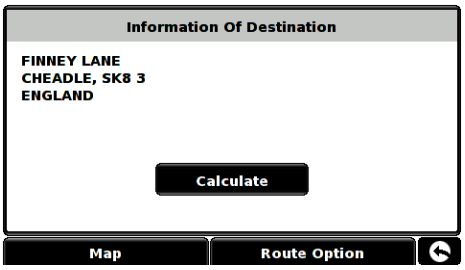
The screen will show a section of the map (usually of your current position with a road selected in red).



- To see a larger section of the map press the ⊖ button to zoom out.
- If you would like to see the map in more detail, use the ⊕ button to zoom in.
- By pressing and moving your finger on the screen you can move the map around until you find your desired location.





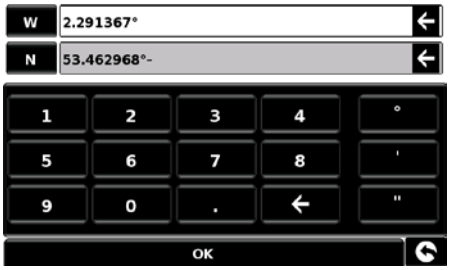


- When you can see the required destination, simply press on the road of the map you would like to navigate to and the road name selected will be displayed at the bottom of the screen.
- Press **'Quick Menu'** and then press **'Continue'**.
- To start the journey press **'Calculate'**
- To view the location of the POI, press **'Map'**.
- To change the route parameters press **'Route Option'** (see Section 6: Route Options on page 65 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

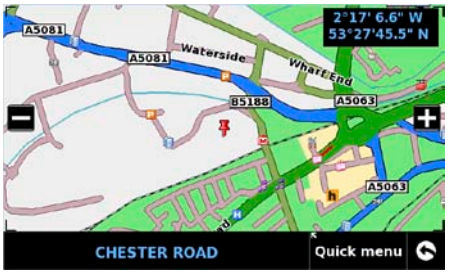
3.13 Find by coordinate



To navigate to a location using a coordinate:

- Press the centre of the screen to access the **'Navigate to'** menu
- Press the black arrow once
- Press the **'Find by coordinate'** icon

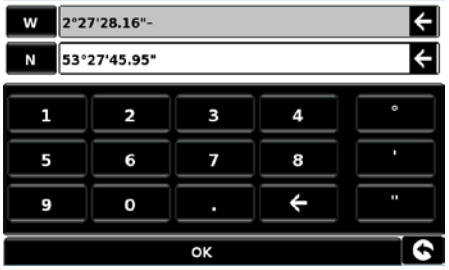
Enter the coordinate using the key pad and press the **'OK'** button.



You can enter the coordinate in three different formats. For example.

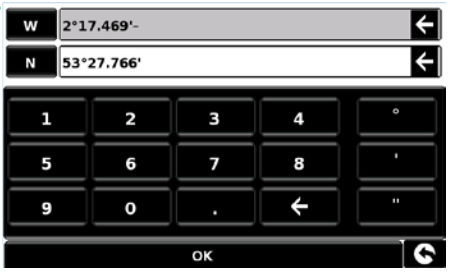
Decimal Degrees
Latitude (N): 53.462968°
Longitude (W): -2.291367°

Please note: when inputting the Longitude you ignore the minus symbol (-) . The degree symbol MUST be used in order for this function to work (see image on the right).



Degrees, Minutes, Seconds
Latitude (N): 53°27'45.95"N
Longitude (W): 2°17'28.16"W

Please note: when inputting the Longitude and Latitude you ignore the letters 'N' and 'W' . You MUST use the degrees, minutes and seconds symbols when using this function (see image on the right).



Degrees, Decimal Minutes
Latitude (N): 53° 27.766'N
Longitude (W): 2° 17.469'W

Please note: when inputting the Longitude and Latitude you ignore the letters 'N' and 'W'. The degree and minute symbols MUST be used when using this function (see image on the right).

After pressing **OK**, the location of the coordinates will be shown on the map. If correct press '**Quick menu**' and then '**Continue**' and follow the on screen instructions to calculate a route.

3.14 Re-route

AVN S9000 can recalculate your route by avoiding certain roads or redirecting you by distance. This facility only becomes available once you have calculated a route.

- To perform a re-route:
- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ▶ once.
- Press the **'Re-route'** icon.

You can then choose how you would like to re-route your journey from the selections shown on the display.

In order to use this function on AVN S9000 you will need to have entered and calculated a route. If the 'Re-Route' icon is greyed out a route has NOT been entered.

3.14.1 Avoid By Road Name

If you know the road name or road number you wish to avoid, then select this option.

- Press **'Avoid by Road Name'.**

You will be provided with the turn by turn instructions of the route that you are currently following. If the road you are looking for is not visible, press the down arrow on the right hand side of the display to see further turn by turn instructions.

- Once you have found the road that you wish to avoid, select it with your finger.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.14.2 Avoid by Range

If you wish to avoid several roads from the selected route calculated by AVN S9000, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

- To use this function:
- Press the **'Avoid by range'** button - the **'Select avoided range'** page will be displayed.
- Select the distance of the range you wish to avoid using your finger.

If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid AVN S9000 will automatically re-calculate your route.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

3.14.3 Clear Avoided Road

If you do not wish to use the alternative routes offered by AVN S9000 and you wish to return to the original calculated route, press the **'Clear Avoided Road'** button and the original route plotted by AVN S9000 will be restored.

Once the re-calculation of the original route is complete the summary screen is displayed. Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please Note: If you have already travelled some of the re-calculated route, AVN S9000 may produce a slightly different route from what was originally plotted.

The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

If the 'Avoid by Road' and 'Avoid by Range' have not been used, this feature is unavailable and the button will be greyed out Clear Avoided Road .

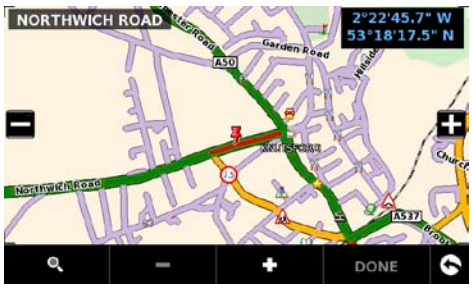
3.15 Your route

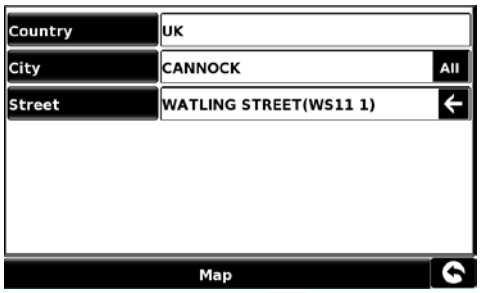
Create and save your own bespoke routes. Use the map view to select the roads you would like to travel on or search road by road. Use **'Your route'** to build your own personal, tailored routes.
To use this facility:

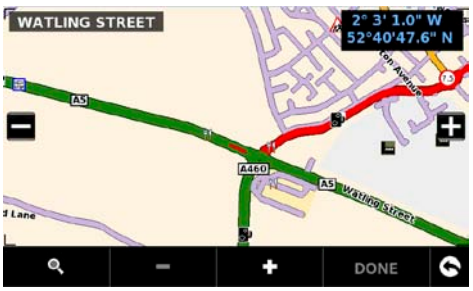
Press the centre of the screen to enter the **'Navigate to'** menu
Press the black arrow ▶ twice
Press **'Your route'**

3.15.1 Creating a route.

1. Press **'Create'** - the screen will display your current location, illustrated by a **'push pin'**
2. If you wish to use this as your start position press the + or to change the start position press the 🔍 button. You can now search by Country, City & Street.
3. Press Map to continue or the ↩ button to return to the previous screen.

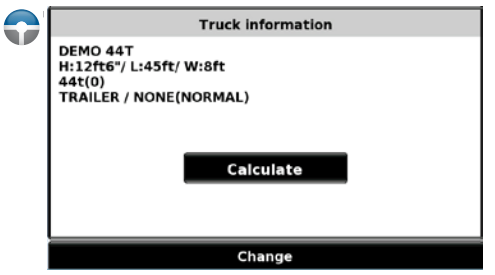


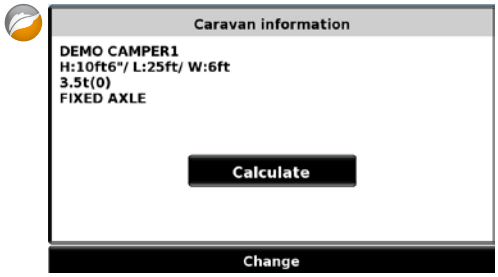




4. To add the location as the start position press the + button a 🏁 will appear on the map to indicate the start position.
5. To add additional roads or the journey end either select another road in the current map view, zoom out using the + then scroll the map or press the 🔍 button to search by Country, City & Street. Once the correct road has been highlighted press + as each link in the route is added a 🏁 will appear on the map.
   To remove a link press the − button.

To calculate a route which is appropriate for your vehicle, once a second link has been added the following screen will be displayed:



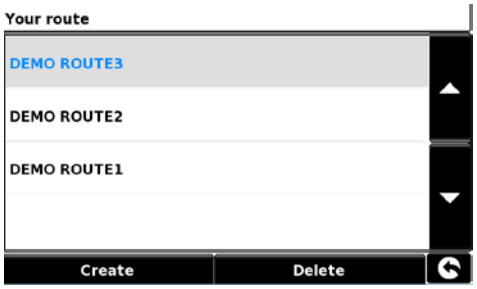


if this is the correct vehicle press **'Calculate'** or if you need to change the vehicle press **'Change'**.

6. Continue adding roads to **'Your route'** until you have constructed your desired routing. For accurate routing select small **'links'**

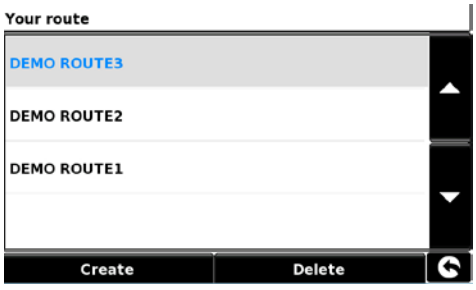
7. Once the journey has been built press **'Done'**. A summary of the journey is displayed and you now have the option to **'Save'** (by pressing the **'Save'** button) or start navigating by pressing **'GO'**.
8. If you choose to save your route you can now change the name of your route. Once the name has been edited press **'Save'**.

9. Additional **'My Routes'** can be created, saved and added by following steps #1-9



3.15.2 Navigating using My route

Press the centre of the screen to enter the **'Navigate to'** menu
Press the black arrow ▶ twice
Press **'Your route'**
Select which My Route you want to use by pressing on the name; a summary screen will appear. To start navigating press **'Go'**.



3.16 Route Description

After a route has been calculated and the journey has commenced, you can access the summary display again by using this function.

To view the summary screen:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow twice.
- Press the **'Route description'** icon.

In order to use this function on AVN S9000 you will need to have entered and calculated a route. If the 'Route description' icon is greyed out a route has NOT been entered.

From the summary display you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

The summary screen is only displayed for approximately 10 seconds before the unit automatically returns to providing you with turn-by-turn instructions.

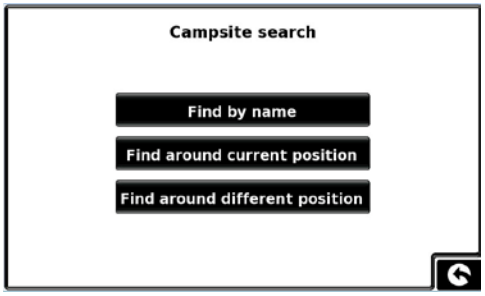
3.18 Campsite Search (Ventura ONLY)

Ventura can search from over 20,000 caravan and motor home sites and rest stops. This unique, content rich, data is supplied by some of the biggest camping organizations in Europe: ASCI , Bordatlas and Camperstop (by Facile en Route).

Additional campsite data for Caravan Club and The Camping and Caravanning Club can be found in the User POI - refer to page 32 for User POI details.

Advanced campsite search

Ventura can search campsites and camper stops based on different criteria:



3.18.1 Find by name

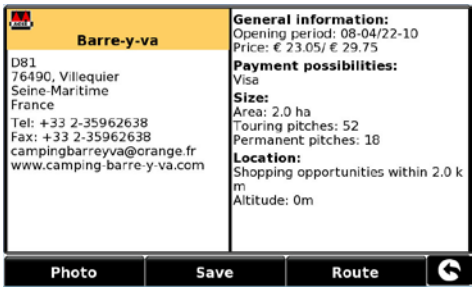
If you know the name of the site you are looking for you can select **'Find by name'**
Enter the country and the city, if the city is not known select **'All'**
Press **'Search'**
Type in the name of the campsite/camperstop, once you start to enter the name a list of possible matches will be displayed. To expand the list press the select the campsite/camperstop by pressing on the name.

Name V_
Aire Naturelle de Villemarin (LIEU-DIT VILLEMARIN)
Airotel Les Viviers [Camping Airotel Les Viviers] (AVENUE L
1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M

Name
Aire Naturelle de Villemarin
LIEU-DIT VILLEMARIN, MARSEILLAN, HÉRAULT, FRANCE
Airotel Les Viviers [Camping Airotel Les Viviers]
AV.NLÉON LESCA, LE FOUR, LÈGE-CAP-FERRET, GIRONDE, FRAN
Airotel Le Vieux Port [Camping Airotel Le Vieux Port]
ROUTE DE LA PLAGE SUD, MESSANGES, LANDES, FRANCE
Aluna Vacances [Camping Aluna Vacances]
LAGORCE, ARDÈCHE, FRANCE
Arôme Vanille [Camping Arôme Vanille]
ROUTE DE SUBERCARRÈRE, MONTAUBAN-DE-LUCHON, HAUTE-
Aux Coeurs Vendéens [Camping Aux Coeurs Vendéens]
R. DEENOTRE-DAME-DE-MONTS, SAINT-JEAN-DE-MONTS, VEND
Barre-y-va [Camping Barre-y-va]
D81, VILLEQUIER, SEINE-MARITIME, FRANCE

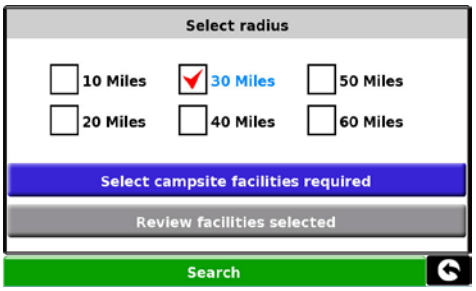
Use the arrows to scroll through the list

A summary screen is now displayed listing the campsite/camperstop contact details and general information including any facilities and/or restrictions they may have (the example shown to the right is from the ACSI data)



You now have the option to:
View a photograph (where available)
Save, this will save the campsite/camper stop to your favourites, see section 4.0 Favourites for details.
Route this will commence the navigation to the selected campsite/camper stop

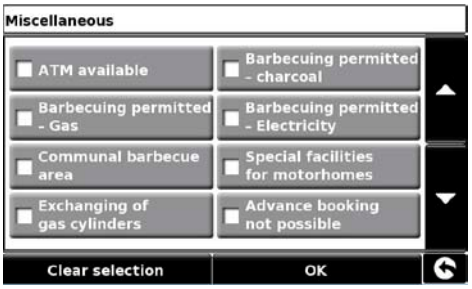
If you do not know the name of the campsite/camper stop you can search for a suitable location by using either **'Find around current position'** or **'Find around different position'.**

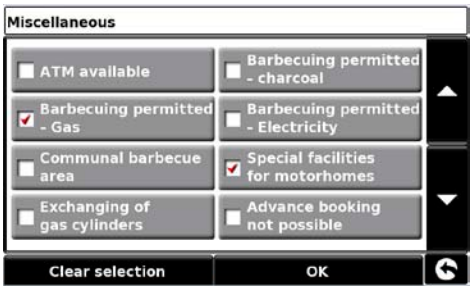


Use the arrows to scroll through the list.

3.18.2 Find around current position

Ventura can search for a suitable location based on the following:
Distance from your current position - selectable
Campsite facilities





You can select as many or as few options as you require to narrow or expand the search.
Press **OK** to continue
Press **'Review facilities selected'** to show a summary of the facilities chosen. If required, you can remove some of the facilities
On this screen you can edit the selected facilities.
Select **OK** to continue.
A list of campsites/ camper stops will be displayed - press on the '**destination'** to continue

Campsite
Plassey Leisure Park
[13mile]EYTON, WREXHAM, WALES
Woodlands Park
[21mile]WASH LANE, ALLOSTOCK, KNUTSFORD, ENGLAND
Holly Bank Caravan Park
[23mile]WARBURTON BRIDGE ROAD, RIXTON, WARRINGTON
Lower Lacon Caravan Park
[23mile]B5065, WEM, SHREWSBURY, ENGLAND
Camp site Beaconsfield Farm
[30mile]A49, ASTLEY, SHREWSBURY, ENGLAND
Oxon Hall Touring Park
[32mile]OXON TOURING & HOLIDAY HOME PARK, SHREWSB
Pen-y-Bont Touring & Camping Park
[35mile]B4391, BALA, WALES

Use the arrows to scroll through the list.

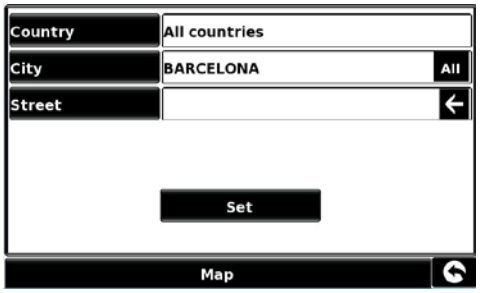
A summary screen is now displayed listing the campsite/camper stop contact details and general information including any facilities and/or restrictions they may have (the example shown to the right is from the ACSI data)

You now have the option to:
View a photograph (where available)
Save, this will save the campsite/camper stop to your favourites, see section 4.0 Favourites for details.
Route this will commence the navigation to the selected campsite/camper stop

3.18.3 Find around different position

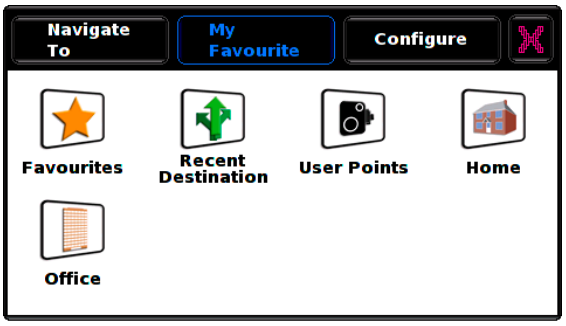
It is possible for Ventura to search for campsites/camper stops in a different location, this allows you to plan ahead. The instructions are similar to **'3.18.2 Find around current position'** with the exception that there is an additional step to determine the area of the search.

Press **'Find around different position'**
Either search by **'All countries'** or press **'Country'** to enter the country details.
Press **'City'** to enter the city details or press **'All'** to search all cities.
Press **'Map'** to search using the map or press **'Set'** to continue



4.0 My Favourite

The **'My Favourite'** menu allows you to store destinations that you visit frequently, retrieve recently visited destinations, modify user points and edit or store your **'Home'** and **'Office'** details without having to enter the destination details each time.

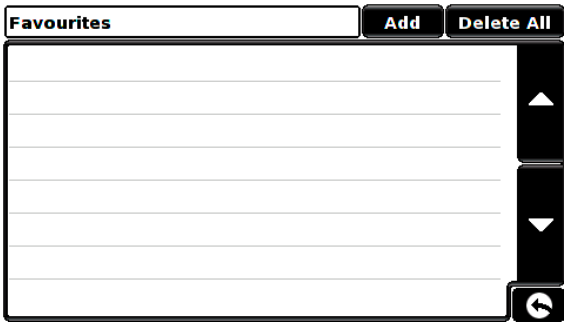


4.1 Favourites

This function allows you to store a number of your more common destinations. You can store up to a maximum of 150 different destinations.

4.1.1 Add a favourite destination

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Favourites'** icon.
- Press **'Add'**.



You can now search for the destination using the following options displayed:

- Find address by city
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point

To find out how to use these options please refer to the applicable sections in this user manual.

Once you have entered your destination details you also have the facility to name your destination to make it easier to find.

- Press **'Name'** and a keyboard will be displayed with the road name of the destination you selected.
- Press the ← key to erase this data then input the new name using the keyboard.
- Press **'Save'** once you have entered the name.

Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.

4.1.2 Using a favourite destination

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press the **'Find by favourites'** icon.
- Select the favourite destination you wish to use.

4.1.3 Editing/Deleting a Favourite

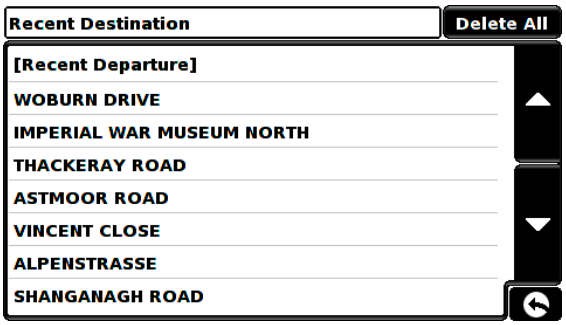
- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Favourites'** icon.
- Select the favourite destination you wish to edit/delete.

4.1.4 To delete ALL favourites

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Favourite'** icon.
- Press the **'Delete All'** button – an information box will be displayed with 'Delete All?' and the options of **'OK'** and **'Cancel'.**
- Press the **'OK'** button and ALL the favourites will be deleted.

4.2 Recent destination

This function can be used to delete any or all of the recent destinations that are stored on AVN S9000. AVN S9000 can store up to a maximum of 40 recent destinations.



4.2.1 To delete individually stored recent destinations

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Recent Destination'** icon.
- Select the recent destination you wish to delete.

You can scroll through the list of recent destinations using the up, down arrows located on the right hand side of the display, and select the destination you wish to delete with your finger.

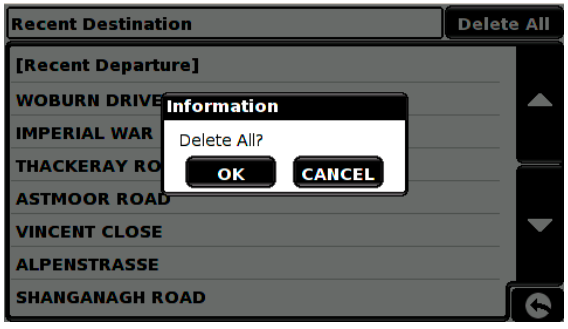
The information relating to that destination is displayed.

- Press the **'Delete'** button at the bottom of the display.

If the destination selected is not the one you wish to delete you can press the arrow located in the bottom right hand corner of the display to go back to the list and reselect the correct destination for deletion.

4.2.2 To delete ALL stored recent destinations

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Recent destination'** icon.
- Press the **'Delete All'** button – an information box will be displayed with 'Delete All?' and the options of **'OK'** and **'Cancel'.**
- Press the **'OK'** button and ALL the recent destinations will be deleted.

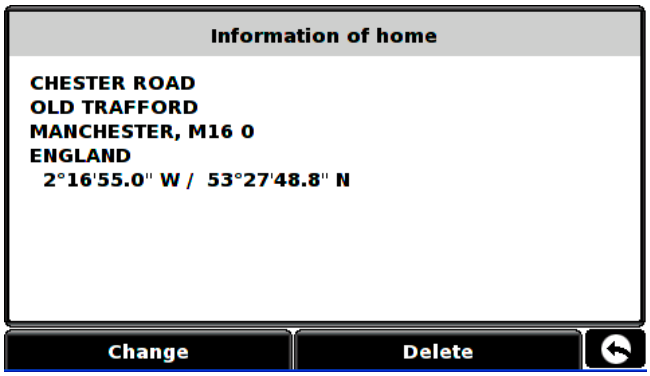


4.4 Home

To set up and use this function was explained in **Section 3.3** earlier in the manual. When this function is accessed from the **'My Favourite**' menu, you are able to change the **'Home'** location (for example if you move house) or to delete the **'Home'** location.

4.4.1 To change the home location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** icon.
- Press the **'Change'** button.



You can now search for the new **'Home'** location using the following options displayed:

- Find address by city
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point

To find out how to use these options please refer to the applicable sections in this user manual.

Once you have entered your **'Home'** location details you also have the facility to name your destination.

- Press **'Name'** and a keyboard will be displayed with the road name of the destination you selected.
- Press the 'Arrow' key to erase this data then input the new name using the keyboard.
- Press **'Save'** once you have entered the name.

Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.

4.4.2 To delete the home location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** icon.
- Press the **'Delete'** button – an information box will be displayed with 'Delete home?' and the options of **'OK'** and **'Cancel'.**
- Press the **'OK'** button and the 'Home' location will be deleted.

4.5 Office

To set up and use this function was explained in **Section 3.4** earlier in the manual. When this function is accessed from the **'My Favourite'** menu, you are able to change the **'Office'** location (for example if you move house) or to delete the **'Office'** location.

4.5.1 To change the office location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Office'** icon.
- Press the **'Change'** button.

You can now search for the new **'Office'** location using the following options displayed:

- Find address by city
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point

To find out how to use these options please refer to the applicable sections in this user manual.

- Once you have entered your **'Office'** location details you also have the facility to name your destination.
- Press **'Name'** and a keyboard will be displayed with the road name of the destination you selected.
- Press the 'Arrow' key to erase this data then input the new name using the keyboard.
- Press **'Save'** once you have entered the name.

Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.

4.5.2 To delete the office location

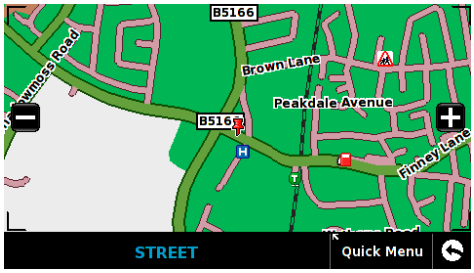
- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Office'** icon.
- Press the **'Delete'** button – an information box will be displayed with 'Delete Office?' and the options of **'OK'** and **'Cancel'.**
- Press the **'OK'** button and the **'Office'** location will be deleted.

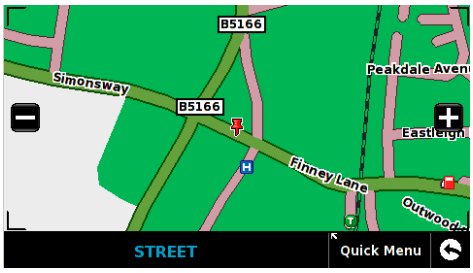
4.6 Advanced - Setting your Home or Office address using 'Save using current point'

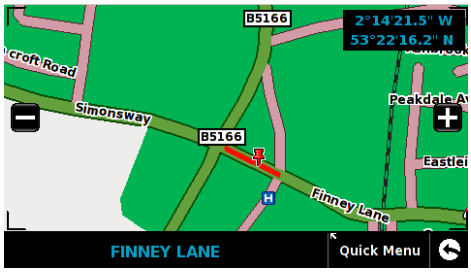
It is also possible to create a **'Home'** and **'Office'** location using your current coordinates if you are situated at your home or office whilst setting up your unit.

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** or **'Office'** icon.
- Press the **'Change'** button.
- Press **'Save using current point'**.

A map will displayed with a road highlighted in red closest to your current position. The name of the road selected will be displayed at the bottom of the display. If this is not correct, select the correct road with your finger.

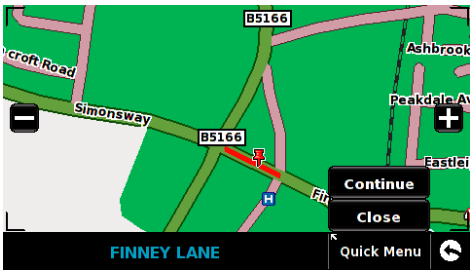


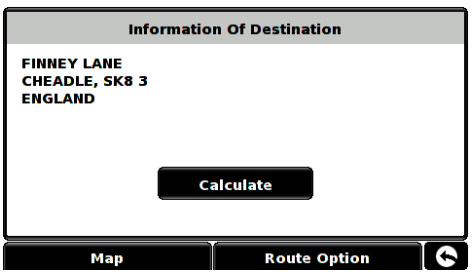




- Press **'Quick Menu'** and **'Continue'.**
- Press **'OK'**

AVN S9000 will automatically save this location as your **'Home'** or **'Office'** destination.

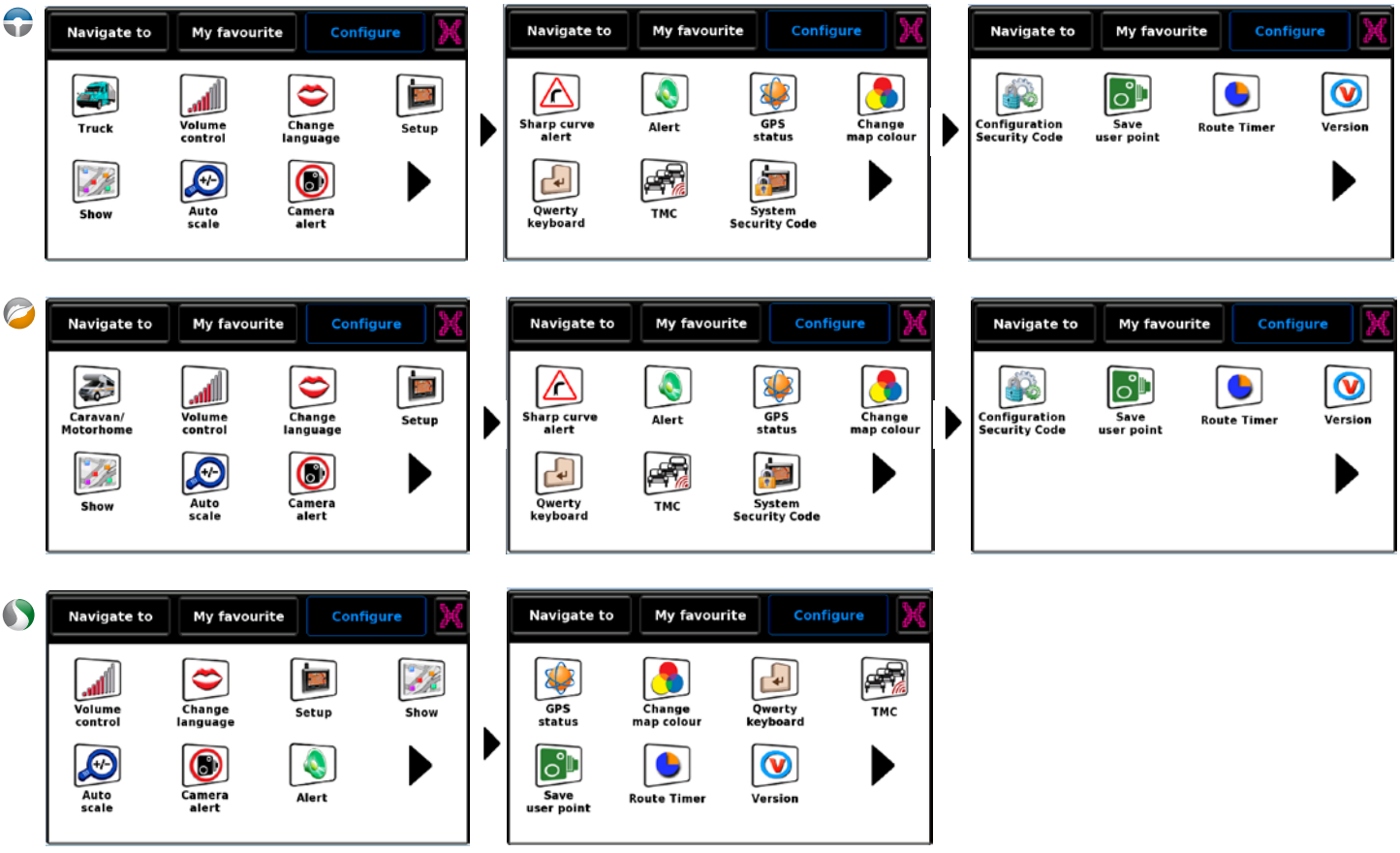




5.0 Configure

The **'Configure'** menu is used to customise the operation and appearance of your unit. To access the **'Configure'** menu

- Press the centre of the screen to enter the **'Navigate to'** menu
- Press the **'Configure'** button at the top of the display.
- Depending on the model the following screen (s) will be displayed

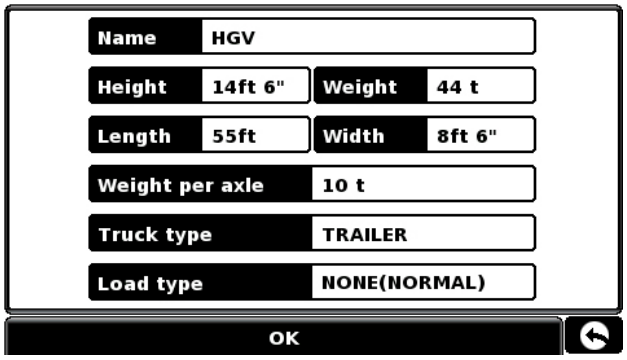


5.2 Truck

Setting up vehicle parameters

For Truckmate to calculate a route suitable for your vehicle it needs to know certain information about the vehicle itself such as its height, weight and width. It is possible to save the settings of 10 different trucks. Follow these instructions to enter your vehicles details.

Press the centre of the screen to access the menu, press **'Configure'** and then press the **'Truck'** icon.



Name: Enter the name here.

Height: Enter the height of the vehicle here.

Length: Enter the length of the vehicle here.

Weight: Enter the weight of the vehicle here.

Width: Enter the width of the vehicle here.

Weight per axle: Enter the weight per axle of the vehicle here

Truck type:

Truck: Standard setting for fixed axle vehicles.

Trailer: Specific traffic rules exist for trucks with trailers & semi trailers. For example, there are roads that

are forbidden for vehicles with trailers. These will be avoided.

Delivery: Special traffic rules rules exist for delivery vehicles. For example, trucks are only allowed in

certain areas if they are delivering goods.

Public: Certain vehicles are allowed to use the traffic rules of public vehicles such as buses and money transport vehicles.

Load type: None (Normal)

Hazardous: Hazardous goods that are not explosive or harmful for water.

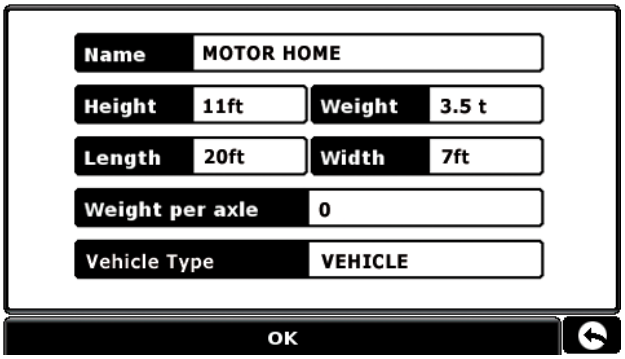
Explosive and Flammable Harmful for water

5.3 Caravan/Motorhome

Setting up vehicle parameters

For Ventura to calculate a route suitable for your vehicle it needs to know certain information about the vehicle itself such as its height, weight and width. It is possible to save the settings of 10 different vehicles. Follow these instructions to enter your vehicles details.

Press the centre of the screen to access the menu, press **'Configure'** and then press the **'Caravan/Motorhome'** icon.



Name: Enter the name here.

Height: Enter the height of the vehicle here.

Length: Enter the length of the vehicle here.

Weight: Enter the weight of the vehicle here.

Width: Enter the width of the vehicle here.

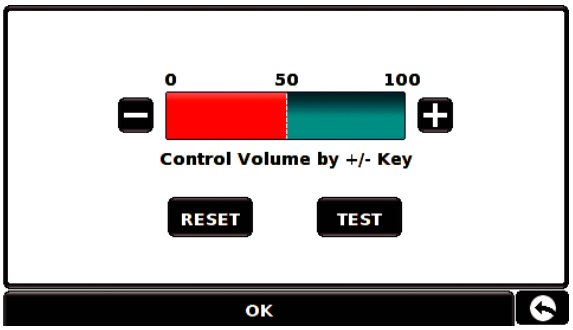
Weight per axle: Enter the weight per axle of the vehicle here

Vehicle type:

- **Fixed Axle:** Standard setting for fixed axle vehicles.
- **Trailer:** Specific traffic rules exist for vehicles towing caravans. For example, there are roads that are forbidden for towing vehicles. These will be avoided.

5.4 Volume Control

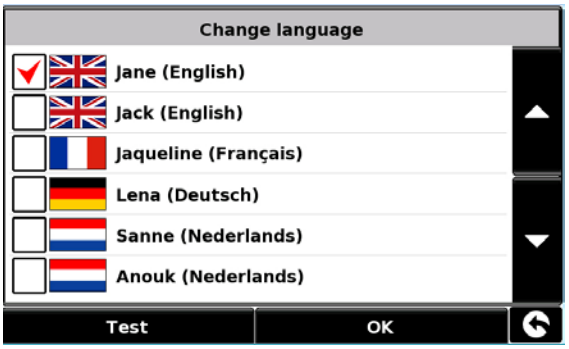
AVN S9000 volume can be adjusted using this function within the **'Configure'** menu. To adjust the volume:



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press **'Configure'**.
- Press the **'Volume Control'** icon.
- To increase the volume press the + icon.
- To decrease the volume press the − icon.
- To test the volume before saving, press the TEST icon.
- To reset the volume to the factory default press the RESET icon.
- Press **'OK'** at the bottom of the screen to save your setting.

5.5 Language

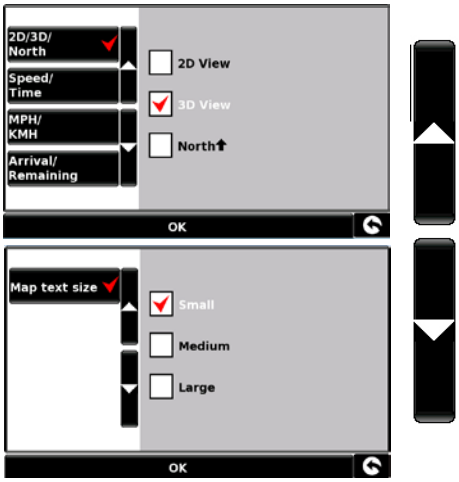
AVN S9000 comes with a choice of voice prompts and alerts in several languages. Changing the language also changes the language of the menu items as well on the unit. To use this facility:



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press **'Configure'.**
- Press the **'Change Language'** icon.
- Using the up an down arrows search for the voice you require.
- If you would like to listen to a sample of any voices simply press the **'Test'** button.
- Press **'OK'** to save your setting.

5.6 Setup

The **'Setup'** function allows you to customise the visual information provided by the navigation screen. To alter any of these settings:



Use the up & down arrows to scroll through the menu options

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the **'Setup'** icon where you will see the list of options below.
- Select the option you wish to change on the left.

There are number of different pieces of information that you can have displayed on the navigation screen at any one time as follows:

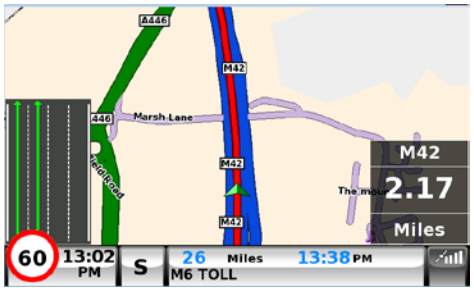
5.6.1 2D/3D or North

This option allows you to select the view of the map that you would like to have displayed. The 3D navigation view is displayed as the factory default and displays the map, calculated routes, Points Of Interest and safety camera data (if subscribed to) from a 3D perspective.

Return to contents

This facility customises the map view between

3D



2D

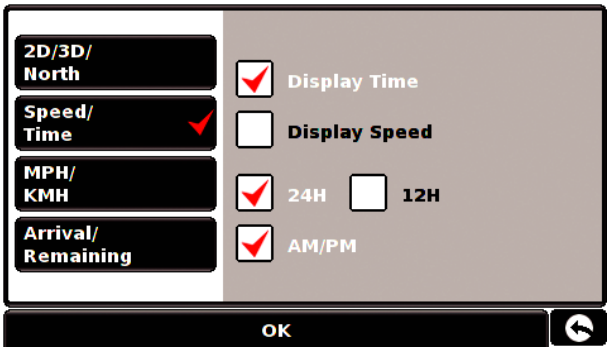
North

To make your selection, touch the relevant tick box with your finger.

5.6.2 Speed/Time

This option allows you to change the information displayed in the bottom left hand side of the navigation screen between the vehicle speed and the current time. You can also specify if you want to display a twelve or twenty-four hour clock and whether to display '**am'** and **'pm'**.

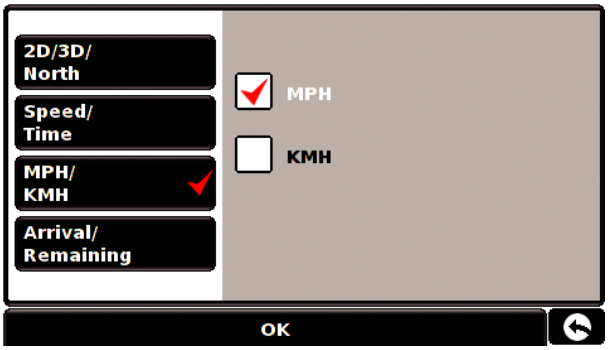
To make your selection, touch the relevant tick box with your finger.



5.6.3 MPH/KMH

This option allows you to switch the information on AVN S9000 between imperial and metric measurement.

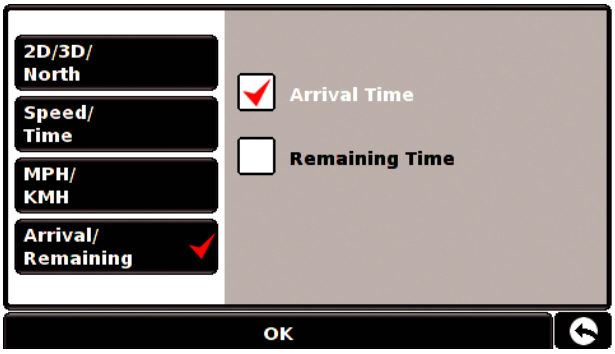
To make your selection, touch the relevant tick box with your finger.



5.6.4 Arrival/Remaining

This option allows you to display either the estimated time of arrival (ETA) or the estimated remaining time left for your journey towards the bottom of the navigation screen.

To make your selection, touch the relevant tick box with your finger.



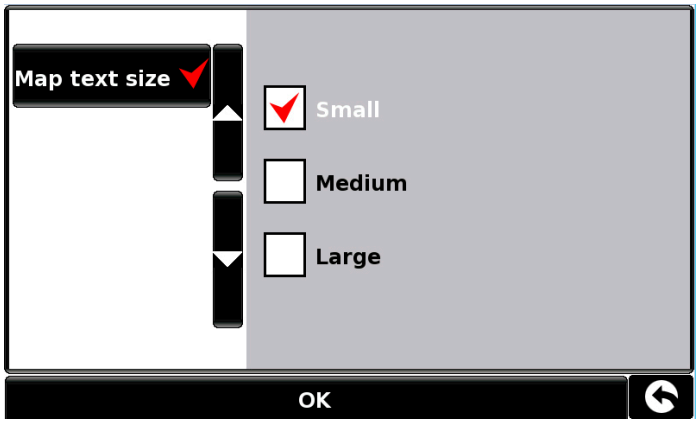
To save any of the changes press the 'OK' button at the bottom of the display.

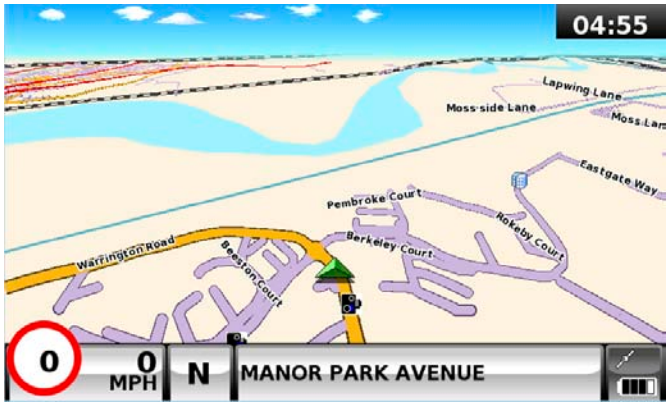
If you wish to keep the settings unchanged you can exit the 'Setup' menu by pressing the return arrow located in the bottom right hand corner of the display.

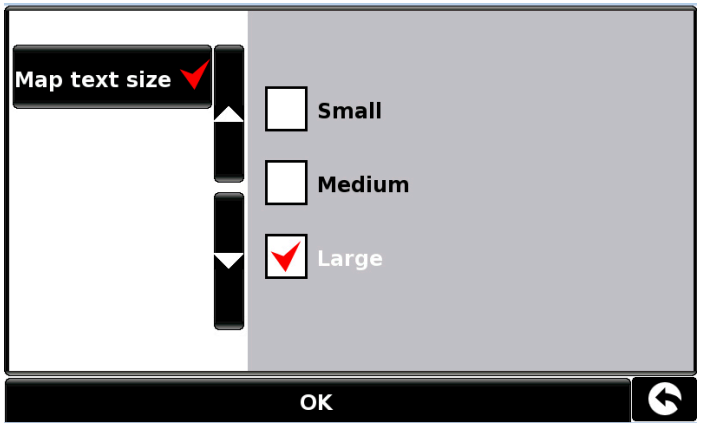
Your new settings will now be saved and will appear on the screen each time you use AVN S9000.

5.6.5 Map Text Size

This option allows you to increase or decrease the size of the road and place name text which appears on the map screen



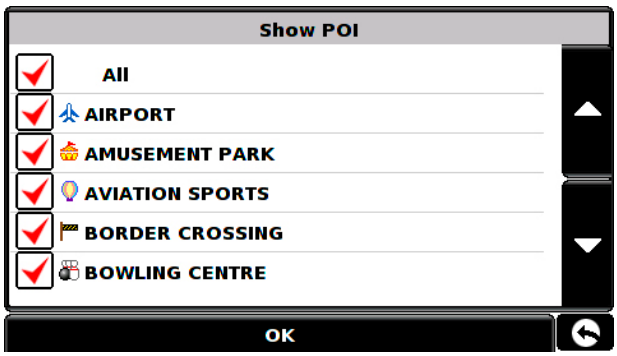




Select the text size then press **OK** to save and exit

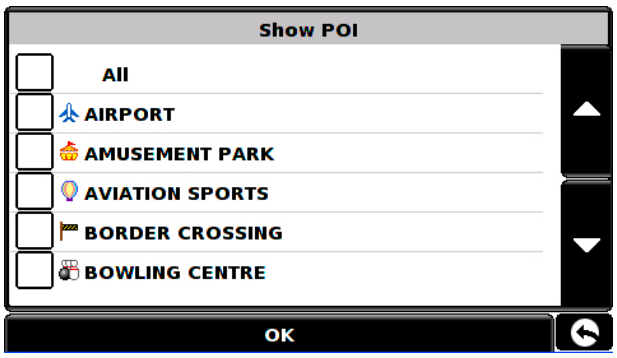
5.7 Show POI

AVN S9000 comes complete with a comprehensive list of POI's (Point's of Interest). You can search for addresses using POI's and save POI's in your list of favourites. You can also choose which of the POI's you would like to have indicated on your map. As standard ALL POI's are shown, however this list can be edited within the POI Menu.



- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the **'Show POI'** icon.

The screen will now show a list of POI's stored on your unit with a 'tick' box to the left of each type of POI. Simply press the tick box to select or deselect the POI. A red tick in the box indicates that the POI will appear on your map, an un-ticked box will remove the POI from the map view. To scroll through the list of POI's you can press either the up or down arrows located on the right hand side of the display.



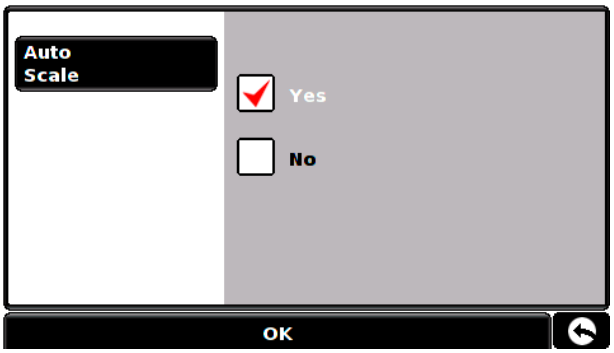
To deselect all POI's from the map un-tick the **'ALL'** tick box at the top of the list of POI's

To save the changes press the **'OK'** button at the bottom of the display.

If you wish to exit the 'Show POI' list without saving any changes press the return arrow located in the bottom right hand corner of the display.

5.8 Auto Scale

Auto Scale is switched 'On' by default during manufacture. Auto Scale automatically magnifies the map as you approach a junction or roundabout, where you may need to make a turning, so that you can see it in more detail.



Auto Scale can be turned on and off as you wish. To change this setting:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the **'Auto scale'** icon.

The screen will now show two options **'Yes'** and **'No'**. To make your selection, touch the relevant tick box with your finger.

To save the changes press the **'OK'** button at the bottom of the display.

If you wish to exit the 'Auto scale' menu without saving any changes press the return arrow located in the bottom right hand corner of the display.

5.9 Camera alert

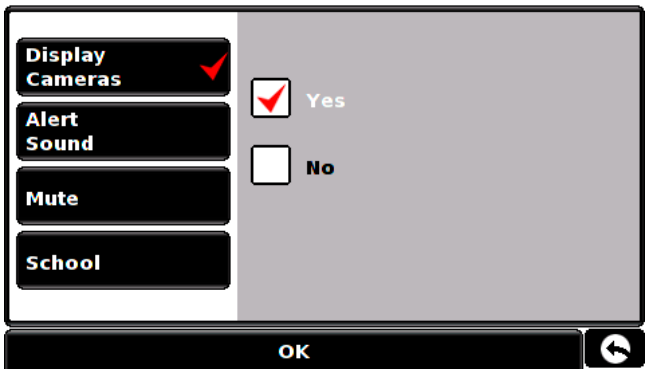
In order for this feature to operate you will need to subscribe to and download the AURA™ Camera Database onto AVN S9000. See 'Registering AVN S9000' (Page 4) and 'System Requirements & Downloading' (page 8) for further details.

This function allows you to personalise the camera alert settings that you will receive during operation. To alter the camera alert settings:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the **'Camera alert'** icon.

A list of options is displayed on the left hand side of the screen. To change any of the settings select the relevant option on the left and a tick will appear next to the option to confirm your selection.

5.9.1 Display Cameras



You can choose between the following options:

Yes: A safety camera visual warning will be displayed on the left hand side of the navigation screen as they are approached.

No: No fixed speed safety camera warnings are displayed on the navigation screen.

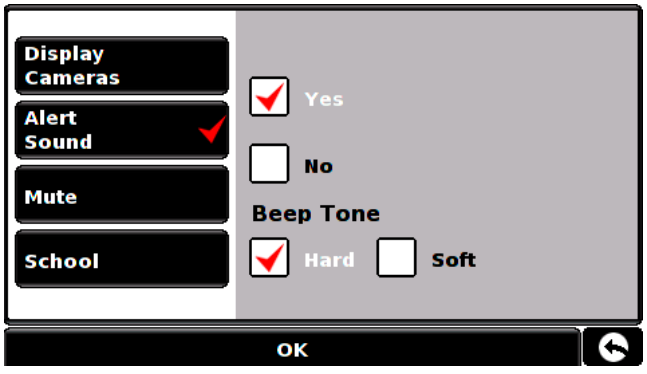
To make your selection, touch the relevant tick box with your finger.

5.9.2 Alert Sound

You can choose between the following options:

Yes: The unit will emit an audible alert when you approach a fixed speed safety camera

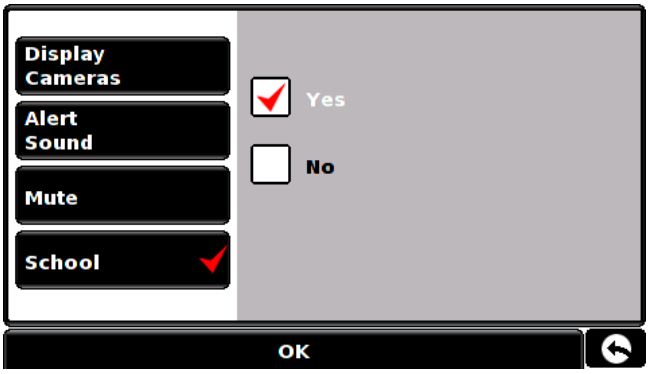
No: No audible alert is emitted.



Beep Tone
This function allows you to change the audible camera alert tone to either a **'Hard'** or a '**Soft'** tone.

To make your selection, touch the relevant tick box with your finger.

5.9.3 School



You can choose between the following options:

Yes: Provided you have selected the option to download schools on AVN S9000 updater software, this feature enables the unit to alert you when you are near a primary school*.

No: The unit will not provide alerts of Primary schools. Schools are indicated on AVN S9000 display by the icon.

Please note: AVN S9000 will only provide alerts to Primary Schools at the following specified times: 08:30 – 09:30; 12:00 – 13:00 and 15:30 – 16:30.

To make your selection, touch the relevant tick box with your finger.

To save any of the changes press the 'OK' button at the bottom of the display.

If you wish to keep the settings unchanged, you can exit the 'Camera alert' menu by pressing the return arrow located in the bottom right hand corner of the display.

5.10 Sharp curve alert

This will show or hide the on screen alerts for sharp bends.

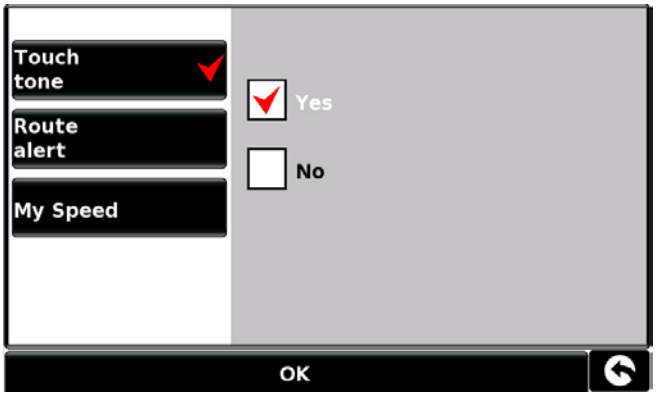
5.11 Alert

This function allows you to alter the audible alerts provided during navigation and to turn the audible beeps on or off whilst selecting functions on the display. By default, both these options are switched 'ON'. To alter these settings:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the black arrow ▶ once.
- Press the **'Alert'** icon.

A list of options is displayed on the left hand side of the screen. To change any of the settings select the relevant option on the left and a tick will appear next to the option to confirm your selection.

5.11.1 Touch Tone



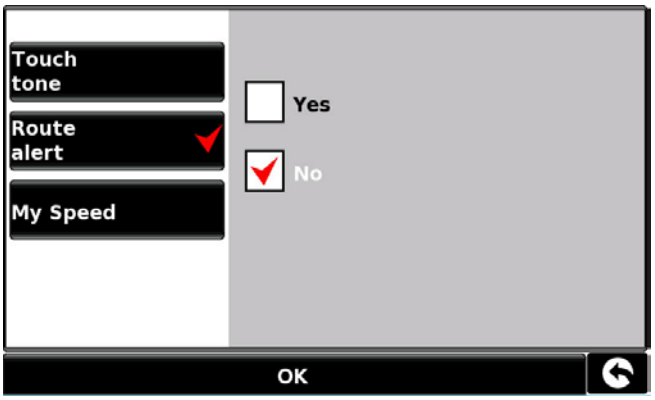
You can choose between the following options:

Yes: The unit emits a confirmation tone each time the screen is touched.

No: This will turn off the confirmation beep when the screen is touched.

To make your selection, touch the relevant tick box with your finger.

5.11.2 Route Alert



If you deviate from the calculated route, AVN S9000 will automatically recalculate a route without any user intervention. To indicate rerouting is in progress AVN S9000 will emit an audible tone.

You can choose between the following options:

Yes: The re-route tone will be emitted during recalculation.

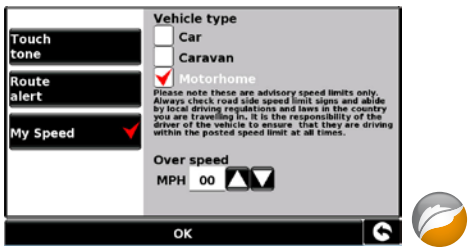
No: No re-route tone will be emitted.

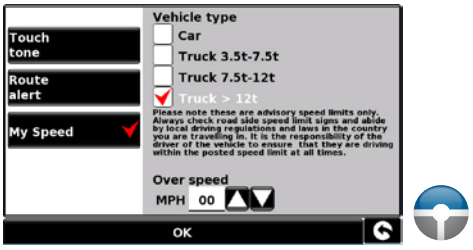
To make your selection, touch the relevant tick box with your finger.

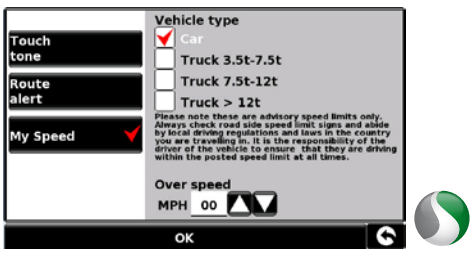
To save any of the changes press the 'OK' button at the bottom of the display.

If you wish to keep the settings unchanged, you can exit the 'Alert' menu by pressing the return arrow located in the bottom right hand corner of the display.

5.11.3 My Speed





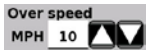


The speed limit of nearly every road across Europe can now be clearly displayed on your AVN S9000 at all times.
To select the correct speed limits for your vehicle type:

Car - Advisory speed limits for a vehicle will be displayed
Caravan - Advisory speed limits for a vehicle towing a caravan will be displayed
Motorhome - Advisory speed limits for motor homes will be displayed
Truck 3.5t - 7.5t - Advisory speed limits for vehicles from 3.5T to 7.5T will be displayed
Truck 7.5t - 12t - Advisory speed limits for vehicles from 7.5T to 12T will be displayed
Truck > 12t - Advisory speed limits for vehicles greater than 12T will be displayed
Select the option you require by pressing the white box next to the vehicle type. Press **'OK'** to save the setting and exit My Speed.

WARNING: These are advisory speed limits and are subject to change. It is the responsibility of the driver to check the road side speed limit signs and abide by local driving regulations.

5.11.4 Over speed

It is possible for My Speed to alert the driver, via an audible warning, that they have exceeded the speed limit. To set the over speed warning:
Press the ▲▼ to increase or decrease the over speed warning 

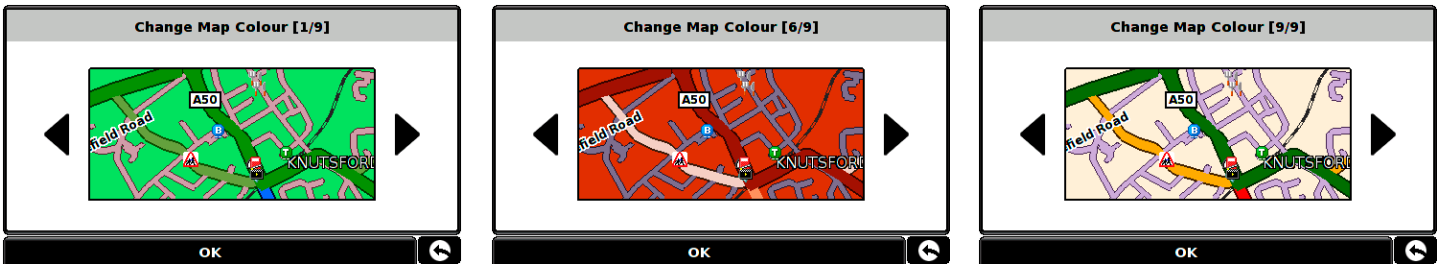
Press **OK** to save and exit My Speed

Return to contents

5.12 Map Colour

This function allows you to choose between the alternative colour schemes that are available for the maps used in AVN S9000 system (several of which are most suitable for use at night). To access this facility:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the black arrow ▶ once.
- Press the **'Change map colour'** icon.



Use the arrows to the left and right hand side of the map display to cycle through the different colour schemes. There are nine colour schemes to choose from.

To save the changes press the 'OK' button at the bottom of the display.

If you wish to keep the settings unchanged, you can exit the 'Change map colour' menu by pressing the return arrow located in the bottom right hand corner of the display.

5.13 Qwerty Keyboard

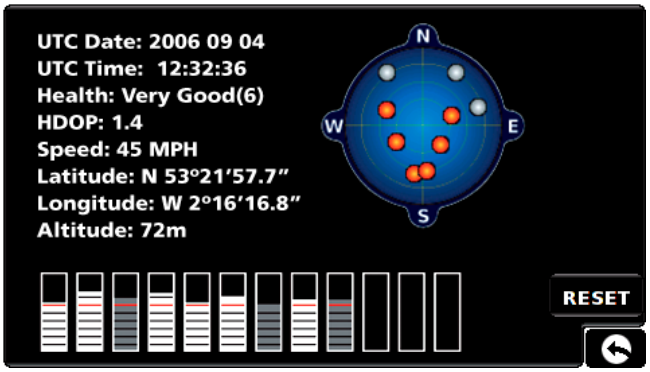
This function allows you to switch between a **'Qwerty'** keyboard which is the keyboard selected as the factory default setting or a keyboard arranged in alphabetical order.

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the black arrow once.
- Press the **'Qwerty keyboard'** icon.
- Select **'Yes'** or **'No'** depending on the keyboard preferred.

To save the changes press the 'OK' button at the bottom of the display.

If you wish to keep the settings unchanged, you can exit the 'Qwerty keyboard' menu by pressing the return arrow located in the bottom right hand corner of the display.

5.15 GPS status



You can check the health of the GPS connection of your unit at any time as well as being able to see the exact coordinates of your current position by using this feature.

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the black arrow ▶ once.
- Press the **'GPS status'** icon.

Your current GPS status will then be displayed. If you wish to revert the GPS engine to the factory default, press the **'Reset'** button.

If you wish to exit the 'GPS status' menu press the return arrow located in the bottom right hand corner of the display.

5.16 System Security Code

(on Truckmate or Ventura this icon will NOT be visible if the unit is in CAR mode).

AVN S9000 incorporates pin code security protection so that only users with access to the pin code can use and operate the device. To activate the security code press the centre of the display to access the menu, press **'Configure' ,** press the black arrow twice and then press the **'System Security Code'** icon. Select **'Yes'** to switch the function on. Press the **'Enter Code'** button and enter the 4 digit code that you would like to use to protect your AVN S9000 and press **'OK'**. Once this setting has been activated you will need to enter this code each time you power on your AVN S9000 or you will not be able to operate the device.

NB. It is important that you do not lose or forget this code. If you forget this code you will need to return your AVN S9000 so that the unit can be reset.

5.17 Configuration Security Code

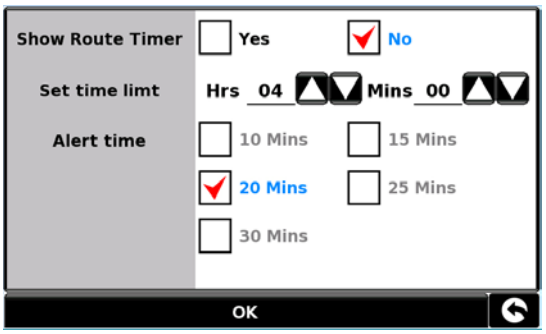
(on Truckmate or Ventura this icon will NOT be visible if the unit is in CAR mode).

It is also possible to protect the configuration settings using a security pin code. To activate the security configuration code press the centre of the display to access the menu, press **'Configure'**, press the black arrow twice and then press the **'Configuration Security Code'** icon. Select **'Yes'** to switch the function on. Press the **'Enter Code'** button and enter the 4 digit code that you would like to use to protect the configuration settings and press **'OK'**. Once this setting has been activated you will need to enter this code each time you want to amend the configuration settings on your AVN S9000.

NB. It is important that you do not lose or forget this code. If you forget this code you will need to return your AVN S9000 so that the unit can be reset.

5.19 Route Timer

This function allows you to set an alert for when you need to take a break. Set the maximum driving time allowed and set the advanced warning time you require before your next break is due. The Route timer clock will then keep you advised of the driving time you have left and will automatically alert you when it's time to take a break.



To access this function:

- Press the centre of the screen to enter the **'Navigate to**' menu.
- Press the **'Configure'** button.
- Press the black arrow twice.
- Press the **'Route Timer'** icon.

The following screen will be displayed. In this screen you can:

- Activate the route timer function so that it is shown in the map display. Note: If **'Yes'** is not selected then you cannot amend the **'Set time limit'** and **'Alert time'** options
- Set the duration of the time limit in hours and minutes - use the arrows to increase or decrease the time. The default setting is four hours.
- Before the time limit is up you can configure the unit to provide you with an alert to remind you that you are nearing your break period. The default period is 20 minutes.

Once you have set your desired preferences press **'OK'** to confirm the settings.

If you wish to keep the setting unchanged, you can exit the menu by pressing the return arrow located in the bottom right hand corner of the display.

5.20 Version

This option allows you to view the hardware and software version numbers of your unit. To view this information:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- Press the black arrow ▶ twice.
- Press the **'Version** icon.

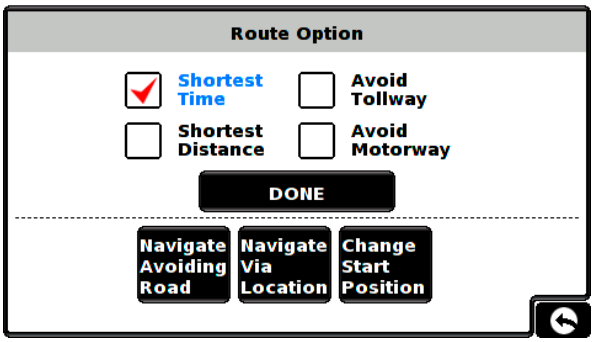
The following screen will be displayed.

H/W	Displays the hardware version
S/W	Displays the current software version
Map	Displays the current map version
Warn	Displays the date the AURA™ camera database was last downloaded*.
S/N	Displays the unit serial number

If you do not subscribe to the AURA™ camera database or the unit has never been downloaded the message 'No camera data available' will be displayed.

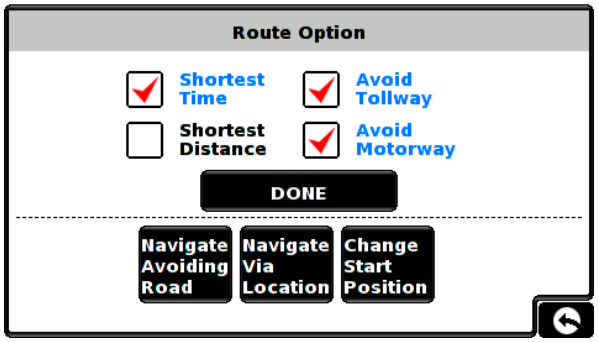
Advanced Navigation Options

6.0 Route option



If you would like to personalise your route, press the **'Route option'** button, before pressing the **'Calculate'** button. This will give you a choice of calculating a route that takes the shortest time or the shortest distance and will also allow you to calculate a route that avoids any Toll Roads and Motorways if necessary.

There are a number of different options available to enable you to select either the most efficient route for you to take or to enable you to personalise the route calculated. The following options are available every time you program a route, whether you search by Post Code, City or by a POI.

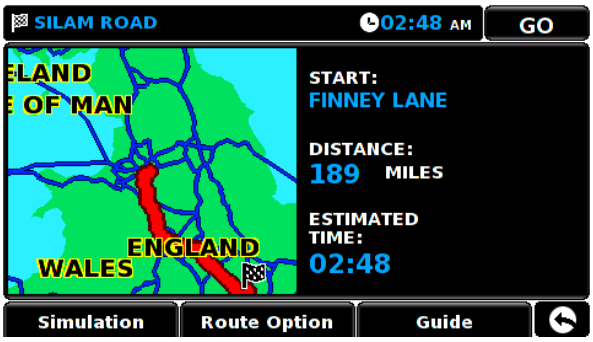


Simply check the tick box with your finger the feature you would like to activate.

The choices are as follows:

6.1.1 Shortest Time ☑

This option will calculate a route based on time using a combination of Motorways, 'A Roads' and 'B Roads' as necessary. The route is calculated by AVN S9000 to navigate you to your destination in the shortest time possible whilst adhering to the national speed limits.



6.1.2 Shortest Distance ☑

This option will navigate you to your destination using a combination of roads calculated to cover the least number of miles possible. It may be the most direct route but it could take you longer to arrive!

Please note: Of the two options described above only ONE option can be selected during the Route Option configuration.

6.1.3 Avoid Tollway

If you want to calculate a route avoiding any type of Toll Roads, select this feature before calculating your route. Press again to deselect.

6.1.4 Avoid Motorway

If you would like to take a more leisurely journey with the chance of a more picturesque view then select the **'Avoid Motorway'** option and your route will be calculated accordingly. Press again to deselect.

Please note: The 'Avoid Tollway' and 'Avoid Motorway' options can be used in conjunction with each other.

Other routing options are:

6.2 Navigate Avoiding Road

Please note: This option can only be used once a route has been calculated. If a route has not been calculated then this is indicated by the button being greyed out.

6.2.1 Avoid by Road Name

If you know the road name or road number you wish to avoid, then select this option.

- Press **'Avoid by Road Name'.**

You will be provided with the turn by turn instructions of the route that you are currently following. If the road you are looking for is not visible, press the down arrow on the right hand side of the display to see further turn by turn instructions.

- Once you have found the road that you wish to avoid, select it with your finger.

Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

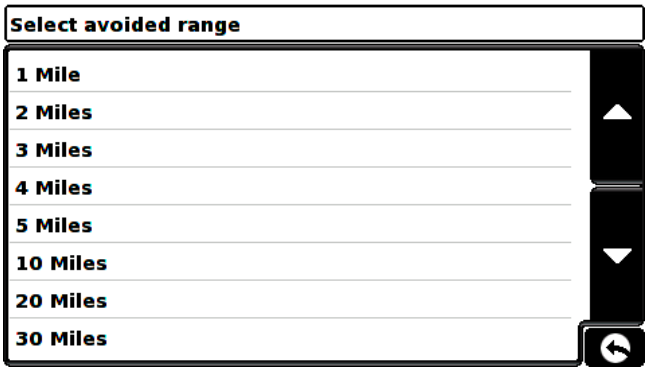
6.2.2 Avoid by Range

If you wish to avoid several roads from the selected route calculated by AVN S9000, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

To use this function:

- Press the **'Avoid by range'** button - the **'Select avoided range'** page will be displayed.
- Select the distance of the range you wish to avoid using your finger.

If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid AVN S9000 will automatically re-calculate your route.



Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

6.2.3 Clear Avoided Road

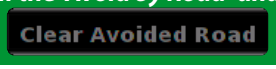
If you do not wish to use the alternative routes offered by AVN S9000 and you wish to return to the original calculated route, press the **'Clear Avoided Road'** button and the original route plotted by AVN S9000 will be restored.

Once the re-calculation of the original route is complete the summary screen is displayed. Once the calculation is complete you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Please Note: If you have already travelled some of the re-calculated route, AVN S9000 may produce a slightly different route from what was originally plotted.

The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

If the 'Avoid by Road' and 'Avoid by Range' have not been used, this feature is unavailable and the button will be greyed out.



6.3 Navigate Via Location

If you would like to calculate a route to a destination but want to go via a specific location along the way you can use this function. Simply input the details of your final destination as usual but press the **'Route Option'** button in the summary screen and then select the **'Navigate Via Location'** button. You are provided with the following search options:

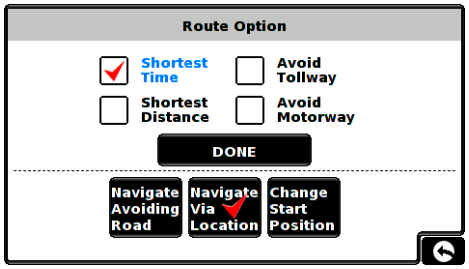
- Find address by City
- Find address by post code
- Find by POI
- Find by recently used

To find out how to use these options please refer to the applicable sections in this user manual.

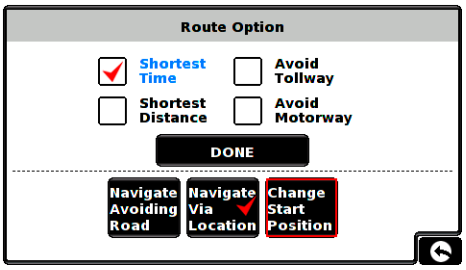
Once you have found the address or location you would like to go to via your route, press the **'Set'** button. A red tick is now displayed on the **'Navigate Via Location'** button.

Now press the **'Done'** button followed by the **'Calculate'** button.

If you would like to check the route calculated prior to departure press the **'Guide'** button on the Summary screen which will give you a list of each turn by turn instruction from the start of your journey to the end.



6.4 Change Start Position



You can use this function if you would like to calculate a route but from a different location to the one you are currently at. First input your destination address as normal but when you reach the Summary page, press the **'Route Option'** button.

Now press the **'Change Start Position'** icon. You are provided with the following search options:

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used

To find out how to use these options please refer to the applicable sections in this user manual.

Once you have found the new starting point, press the **'Set'** button.

The **'Change Start Position'** is now highlighted with a red box. Now press the **'Done'** button followed by the **'Calculate'** button.

6.5 Summary Screen

The summary screen provides you with the information of your intended route such as distance to destination and estimated time of arrival for example and gives you the option of making any changes or viewing the route prior to commencing your journey.

6.5.1 Simulation

Press the **'Simulation'** button and AVN S9000 will take you through the calculated journey step by step with full on screen and voice instructions.

Please Note: If at any time you wish to cancel the simulation press the return arrow located in the bottom right hand corner of the display.

6.5.2 Route Options

The **'Route Option'** function can be accessed from this page, this allows you to tailor your journey using options such as **'Shortest Time'** or **'Shortest Distance'** Please refer to the **'Route Option'** section of this manual for more details.

6.5.3 Guide

If you would like to check the turn by turn instructions of the route calculated prior to departure press the **'Guide'** button on the Summary screen.

7.0 Quick Access Menu

A small on-screen Menu can be launched by touching the screen anywhere along the top 10mm of the display. See diagram on the right.

The quick access menu will drop down automatically. If no other button on the drop down box are pressed the drop down box disappears after approximately three seconds.

- From this Menu you can:
- Zoom closer in, or zoom further out from the map.
- Mute or alter the audio level
- By pressing the icon you can manipulate the map
- Switch between the 2D, 3D and North views.
- Switch between day and night settings
- Switch off the speed camera location facility.

7.1 Volume Setting

Selecting this option opens the Volume menu whereby you can increase or decrease the audio level of the unit. Press the **'Volume Control'** icon. To adjust the volume, use your finger to press either the + button to increase the volume or the − button to decrease the volume.

Please note that this new setting is only temporary and if AVN S9000 is switched off and then back on the audio level returns to either the factory default or your personalised setting.

If you press the speaker icon you can turn off the audio on the unit completely. A symbol is displayed in the top left hand corner of the display to indicate that the sound has been switched off. If Bluetooth is activated the symbol is not visible.

To switch the sound back on press the screen near the top of the display and select the **'Volume Control'** icon. Press either the speaker icon or the volume controls to restore audio on the unit.

To increase the volume of the navigation instruction use the volume controls on the front of the AVN S9000 . **This function will only operate when a navigation instruction is spoken.**

7.2 Scroll Map

By pressing this icon you can manipulate the map by touching and moving your finger on the screen.

7.3 or Day or Night Settings

Bright colours are normally used for the mapping display so that you can see the map more clearly, even in bright sunlight. When it is dark outside however, you may want to switch to the Night Mode as the daytime setting will be too bright.

The navigation view will then be displayed using dark and subdued colours that will not interfere with your night vision.

Use Day to revert to the original colour scheme.

Please note: If you switch the unit off and then back on the display reverts to your previous personalised setting.

7.4 Camera Alerts *(Only applicable if you have subscribed to the AURA Camera Database)*

This function allows you to temporarily disable the safety camera alerts. If you press the camera icon you can turn the camera alert on or off. A symbol is displayed in the top right hand corner of the display to indicate that the alert has been switched off.

To restore the camera alerts press the top of AVN S9000's display to show the drop down menu and then press the camera icon.

Please note that if the unit is switched off and then switched back on the camera alerts are automatically enabled.

7.5 Magnify or Reduce Function

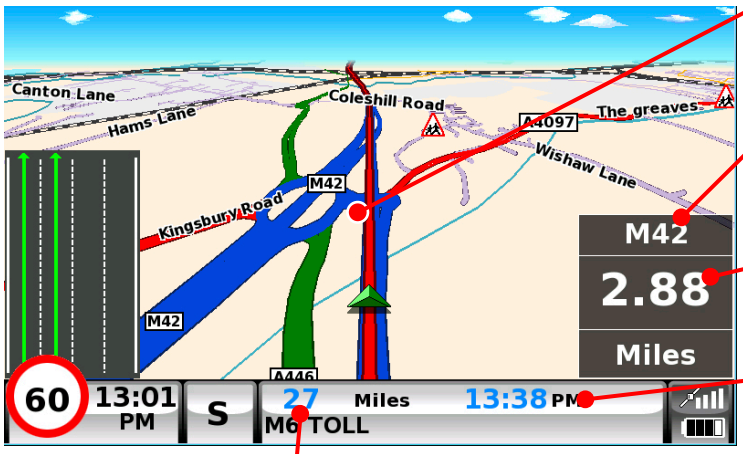
The map on the display can be magnified or reduced by pressing on the + or − buttons displayed when the drop down menu. This will also show the quick menu at the base of the display.

8.0 Understanding the Mapping Screen

Distance to next junction or instruction
Whilst navigating a calculated route the AVN S9000 display will show an information box. This box will tell you the next road you should be travelling on and the distance to that turn. The screen will also show you either the expected time of arrival or the time left to go. The distance left to your destination will also be displayed.

The red line on the map indicates the route you will be taking, clearly and precisely.

Next turning or instruction
As you approach the next turning or instruction, a window will indicate the exact action that you need to take.



The red line indicates the route you will be taking

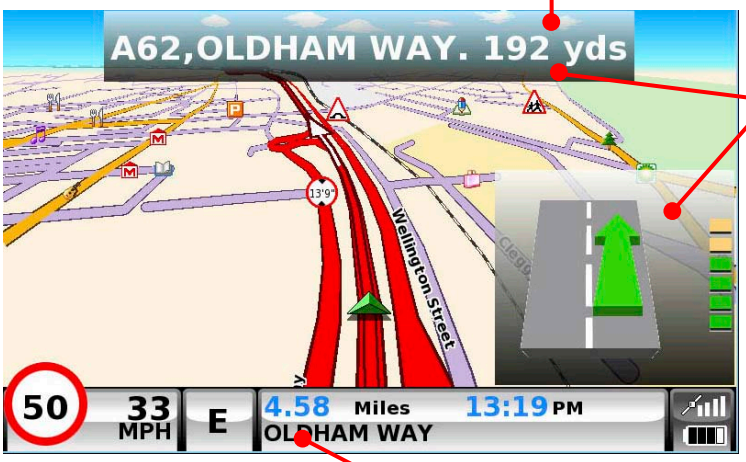
Next motorway exit or road you are due to travel on

Distance left to next instruction

Estimated time of arrival
(If you would like to change this to Time left to arrival simply tap the screen on time left to change it)

Distance left to travel

Distance to next road



Indicates that you are approaching a filter lane and you need to keep LEFT

Current road

DVD Function Operation

The AVN S9000 will play the following formats: DVD/VCD/CD/MP3/JPEG/MPEG4/CD-R, etc.
(Limited to diameter l2cm standard disc).

1. Enter/Exit

Touch DVD to enter DVD interface.

Touch **"MAIN"** icon to enter home page.

Press 'MAIN' to enter the main menu. Press DVD

When the unit is in Navigation mode and a DVD is inserted the AVN S9000 will play sound but the screen will not display the DVD images.

2. Disc Eject/Load

- A DVD can be inserted at any time and the system will automatically switch to DVD mode.
- Insert the disc with the label facing upwards. When the system detects the disc, it will automatically begin to play.

3. Numeric Keyboard

Touch the ≪ icon on the screen, to pop out the numeric keypad (as Figure on the right shows) .

Touch the number, on the number pad to select a chapter directly, and then click OK to confirm. Touch ≫ to hide the numeric keypad.

Note: While DVD/VCD/CD playing, if you want to select the track more than 10 to play, first, click the button "10+", second, click the second digit (Button 1-----9). For example, to select the track 58, first, click the button "10+" 5 times, second, click the button 8, it is OK.

While MP3/MP4 playing, if you want to select the track more than 10, first, directly click two digits button on the numeric keypad and click the button "OK" to confirm the play. For example, to select the track 12, first, click the button "1", second, click the button 2, finally, click the button "OK" to play.

4. Touch Menu Function Description

◄◄ X FR ►► XFF |◄◄ Previous track ►►| Next track ►II Play/pause

Return to contents

Stop/Back to title menu/PBC switch (disc support is required)

AUDIO Switch DVD language (disc support is required); switch VCD sound.

SUBT Switch DVD subtitle select (disc support is required)

SAVE Audio can be saved into VIR. CDC while playing CD disc.

JPEG Image can be captured when playing disc

Menu column of the next page

Enlarge/diminish image

RPT Repeat

Menu column of the previous page

SET Turn on/off DVD setting menu

On fast-forward playback, click the button fast-reverse to enter the normal playback.

On fast-reverse playback, click the button fast- forward to enter the normal playback.

Touch the screen anyplace to showlhide the menu

Touch EXIT icon to exit from touch menu.

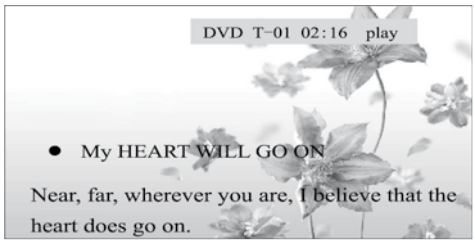
Touch MAIN icon to enter home page menu.

5. DVD Disc Playing

If the DVD has no menu, the system will automatically read the disc and play directly. If the disc has a menu, touch the menu item to play.

Touch the icon ll to return to main menu of the disc (Disc support be required).

During playing a disc, click the upper right part of the screen to display the play information.(as right picture show) • My



DVD T-01 02:16 play

Current track number | Play time | Play status

Note During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer the 4th item of DVD function operation "Functions of Touch Menu".

6. CD Disc Playing

Insert a CD, and the disc will be loaded and played in default order.

Current song number/total play time

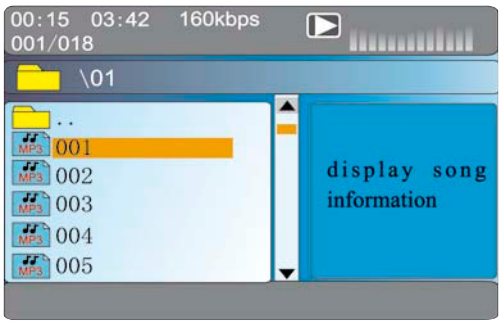
During playing a disc, the system will automatically switch to spectrum state if there is no operation within 10s.

If the disc has the title, the track can be chosen directly by the number pad.

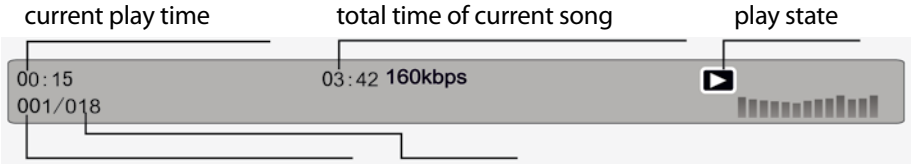
Note: During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of DVD "function operation".

7. MP3 Disc Playing

Insert a MP3 disc, the disc will be loaded and played the first file automatically.



Disc play information/state/name



Touch the title of the list to play directly, touch ▲ / ▼ to browse the list. During playing a disc, the system will automatically switch to Spectrum State if there is no operation within 10s.

NOTE: During playing, operate through touch menu can process most of controls. Regarding to function definitions of touch menu, please refer to the 4" item of DVD function operation "Functions of Touch Menu".

8. MPEG4 Disc Playing

- MPEG is the abbreviation of "Moving Pictures Experts Group", and the MPEG4 is the fourth generation encoder standard for video audio as released by the specialist's group.
- The play operation of MPEG4 disc is basically same as the DVD disc.
- The MPEG4 disc adopts different kinds of format, such as: XVID, the AVI DIVX, RM, etc.
- MPEG files are displayed on the player in the form of folder/file. Move the cursor to the small icon at the front through the ~~direction button~~ and press the play button for play. The detailed operation refer to the "MP3 disc playing".

Contents interface:

The other play interface is the same as the one of DVD play.

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9. JPEG Disc Playing

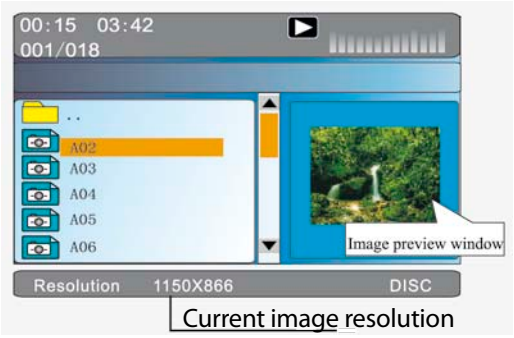
Put JPEG disc into the DVD player, and the disc will be read, and the system will play the first file automatically.

Play Status :

Browse interface:

- During playing, click. once to return to image browse interface.

Contents menu interface:



- Click directly the picture to begin playing.
- Click Previous Next to page up/down to browse images.
- Click the icon "random" to play the picture in the current folder at random.
- Click one more time, it can return to the catalogue menu interface.

Play Portable Hard Disc

If the player is equipped with a USB port, this operation is available.

Insert / Take out Portable Hard Disc

If the player is equipped with a USB port, portable bard disc can be connected through USB wire or directly inserting into the USB port.

Before d~~isconcerting~~ a portable hard disc, please exit from portable hard disc play ~~image first disconnect~~ the hard drive.

10. Enter Portable Hard Disc Playing Mode

While in DVD mode touch the **"~~Home page"~~** icon to enter home page menu, and then touch to enter portable hard disc playing mode.

After the portable hard disc is read, the operation is the same as that for playing MP3 disc.

For detailed information, please refer to **"MP3 disc play"**.

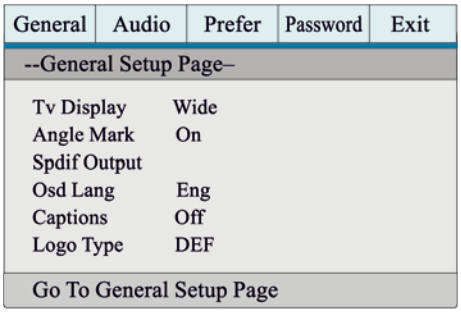
The quality of portable hard disks can vary from manufacturer to manufacturer and Snooper can not guarantee that all portable hard drives are compatible with the AVN S 9000 ~~The USB connecting wire is better to be the shortest when used to connect, or else it ay~~

Note If the AVN S9000 is connected to a USB device and has a DVD loaded then press 'DVD' twice to access portable hard drive and three times to access.

Return to contents

DVD/CD. DVD System Setup

1. Turn on/off



Enter to DVD interface to start touch menu. Gently touch **"SET"**

Click

again to exit from the setting menu.

In the DVD mode, click the icon to enter the corresponding function interface.

2. Operation

Press the tab of each setup menu on the screen to select the item to confirm current setup.

Click **"exit"** to exit.

General Setup

TVDisplay

Normal/Ps	Images will be scanned and output will be in the Panoramic format.
Normal/Lb	Images will be scanned and output in the format of **"Letter Box"**
Wide	Images will be scanned and output in the format of **"Wide Screen"**

AngleMark

On/Off Display the angle mark

SPDIF OUTPUT

SPDIF OFF	Output signal is analog signal.
SPDIF/RAW	Output original code stream source of the disc through digital port, when DVD coaxial output and digital amplifier are connected through coaxial port, this set should be selected.
SPDIF/PCM	Original code stream source be transfer and output as PCM digital signal. When DVD audio output analog signal and 2 sound channel digital stereo amplifier are connected, this set should be selected.

NOTE: PCM channel item can be set as long as "SPDIF IPCM" was selected. If LPCM coding sample rate of disc is lower than the one selected, then output is according to LPCM coding sample rate of the disc.

Osd Lang
English/French/Swedish/Russian/Chinese/Italian Select language display of DVD system

Captions
On/Off select it to display or hide subtitles of the disc (disc support is required)

LogoType

Default	Display the default logo type
Captured	Display the picture captured by customer.

Audio (Speaker Setup page)

DOWNMIX Mode

LT/RT	Dolby stereo, distributing the sound from the middle and surrounding sound channels to the left and right sound channels.
Stereo	Output left and right sound channel signal while playing disc.
V Surr	Left and right sound channel create surround sound effect.
Off	The audio output 5.1 channel signal (support 5.1 ch DVD disc only)

Dual Mono

Stereo/L-Mono/R-Mono/Mix-Mono (Choose dolby digital sound channel)

Prefer (Preference Page)

Note: Preference Set could be set only when no disc

TV Type	Pal TV/Multi/NTSC TV Select video output format (NTSC is recommended)
Audio	English/Chinese/French/Swedish/Italian/Russian/German/Spanish/Portuguese/others Select language for playing (Disc support is needed)
Subtitle	English/Chinese/French/Swedish/Italian/Russian/German/Spanish/Portuguese/others Select language for playing (Disc support is needed)

Disc Menu Language

English/Chinese/French/Swedish/Italian/Russian/German/Spanish/Portuguese/others

Select language for playing (Disc support is needed)

Parental

1 KID SAF / 2 G / 3 PG / 4PG 13 / 5 PGR / 6R / 7NCI7 / 8 ADULT

Select display level

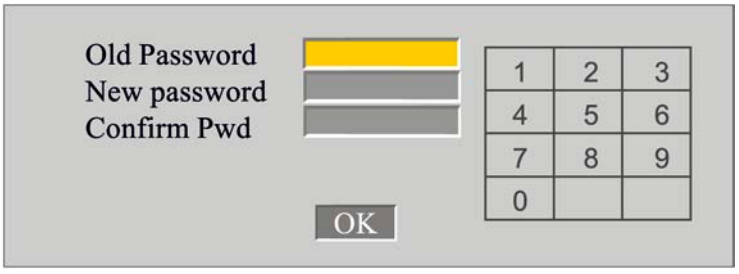
Default

Reset Resumes all function setup to previous from the plant.

Password Setup Page

Password

Select sub-item **"Change"** in password options and press OK to enter password change page. As the right figure shows.



Original PW : 1389

Enter old password /new password / confirm PWD respectively and press OK.

Exit

Press **"EXIT"** to exit setup menu.

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Bluetooth Handsfree

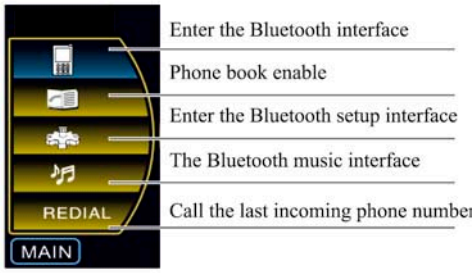
The system provides bluetooth hands free communication function. If your mobile phone is bluetooth enabled, it can establish a point-to-point connection with the AVN S9000, providing telephone dial up ~~and~~ call answering Phonebook, * dependent of telephone model

**** Note: * The bluetooth module is compatible with most mobile phones.***
Some mobile phones and/or functions are not compatible with the AVN S9000.

1. Enter/Exit

Touch to enter bluetooth main interface.

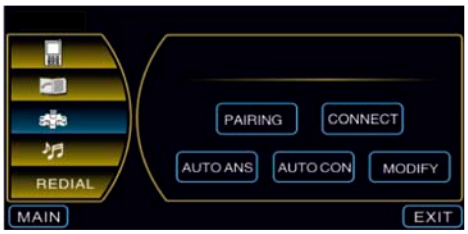
Touch "Exit" icon to exit from bluetooth interface.



2. Pair/Connect

Before using the Bluetooth hands free function the AVN S9000 and the mobile phone must be **'paired'**. To pair the AVNS9000 and mobile phone press icon

Bluetooth main interface
(as figure shows).



Touch open the bluetooth function of your mobile phone and enable the bluetooth device search function, and **"Matching"** will be displayed on the screen.

After the connection has succeeded, the mobile phones will display the AVN name (Ample I).

While connecting, the cell phone indicates the input device connection password. The device connection password can be seen on the screen (The default password is "1234" or "OOOO"). After matching, "Connected" will be displayed ~~on the 'LT'~ matched cell phone model~~ will be displayed on the screen automatically, and will be displayed on the upper right part of the screen.

For manual connection, if pairing succeeds, click this button to reestablish the connection after the AVN or Bluetooth (on the phone) has been turned off.

For automatic connection, if pairing succeeds, the connection can be reestablished automatically after the AVN is off; and the connection can be reestablished automatically after several seconds if the connection is off.

Automatically answer means at connection mode , after the AVN displays incoming call', after three rings the call will be answered automatically.

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11. Modify the name and password

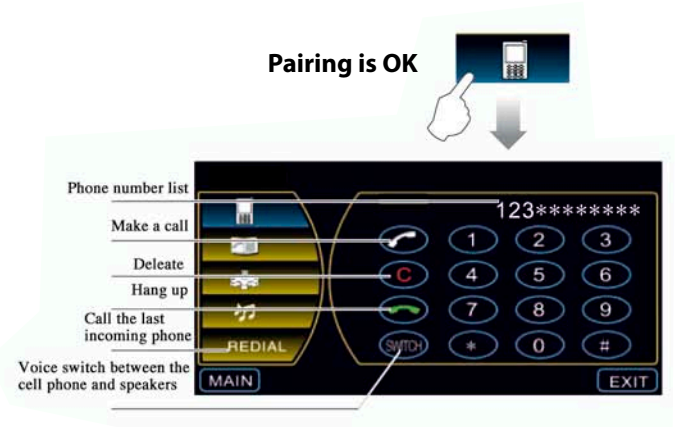
On the setup interface, touch the MODIFY icon enter the modify interface.

Touch the RENAME to be modified are shown in the display box on the right screen, you can enter the new character by means of a soft keyboard, click the icon to confinn the operation.

If input error, press the icon III to delete it. Press the icon to exit. The method of modifying the password is similar to the method of the modifying name. ~~If modifying the password is OK and disconnect, the modified the password and name shown on the Bluetooth setup interface.~~

12. Dialing

Pairing is OK



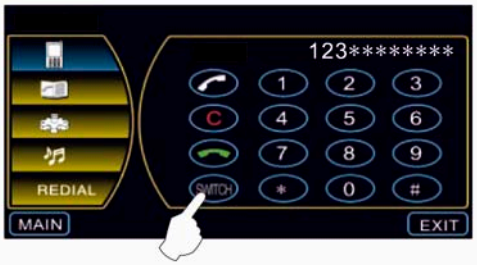
You can dial number using the telephone keypad mobile phone or enter telephone number on the number button on the AVN screen.

Press number button to enter desired number, the entered number is displayed on the top line. to correct a wrongly inputted number press the to delete one by one.

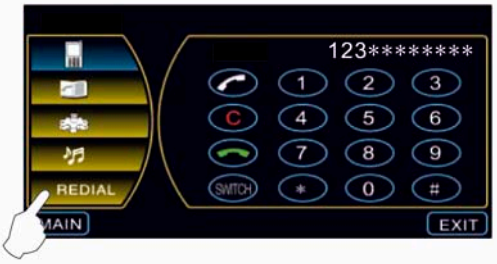
Once the correct number has been entered press to call the number.

Touch to end the call

During communication, SWITCH can switch communication between AVN and mobile phone.

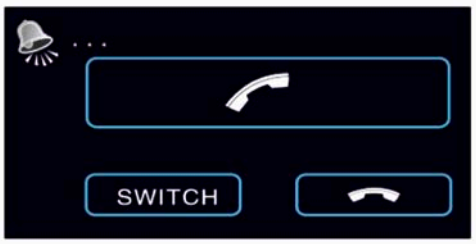


Press the REDIAL to call the last incoming call.



13. Answer the Phone

When an incoming call is received the AVN will automatically switch from is current mode to the Bluetooth interface.



Press interface or to choose answer or refuse. If **"answer"** is set up for: **"automatically answer"** , after three rings the call will be answered automatically. incoming number will be displayed in the number line.

During communication, click SWITCH to switch communication between the AVN and mobile phone.

14. Phonebook

Touch icon

Phonebook image appears. The phonebook displays incoming calls, received calls, and missed numbers (It displays 5 most recent calls in each category).

VIR. CDC Function Operation

The contents of the CD can be 'copied' to the AVN unit, in MP3 format.

1. Enter/Exit

While play CD, press the icon **"save"** to copy the contents of CD into the virtual CD.

To stop copying press **'EXIT'**

Note: During copying CD, if you click one of ' disc 1---5", copying CD starts from track 1; if click the icon "MY FAV (my favorites)", copying CD starts from the current track, can store about 60 songs.

Touch the **"MAIN "** icon to enter home page interface,and touch VIR.CDC to enter virtual function playing status:

Touch the **"MAIN"** icon to return to the home page interface, and touch other function icon to exit.

2. Touch button function

Delete

Nextsong

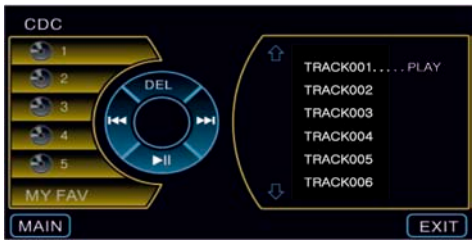
Previous song

Play/pause

Previous track

Next track

3. VIR. CDC Playing



After CD contents are copied to the virtual CDC, press the icon VIR.CDC to play.

Touch the icon to select the previous/next track to play. Touch the track name to play too.

Note: the character "play" shows behind the track which is playing

iPod Function Operation

When the unit is connected with an external iPod player, the audio and video files stored in iPod player.

1. Enter/Exit

Touch iPod to access ipod main interface.

Touch the **"MAIN"** icon to return to the home page interface, and touch other function icon to exit.

Note If the iPod is connected when the AVN is switched On the iPod may not be recognized by the AVN unit. To establish a connection switch the AVN off then back On again while the iPod is connected.

Return to contents

2. Description of Touch Button

Pop up/hide the number pad

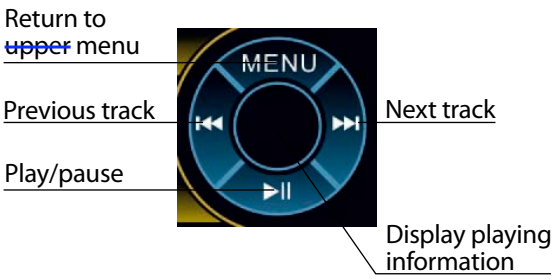
Repeat the current played song

Scan and play songs in the current folder. The next song will be played after the current song has been finished for 10 seconds.

Play songs in the current folder at random.

Go to next page Up

Go to the previous page



3. Main Menu

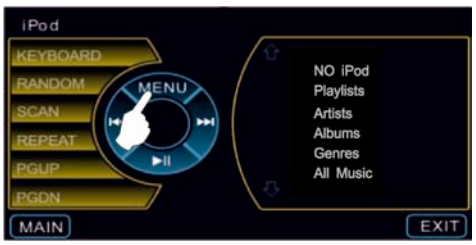
Touch

to return to the previous menu.

The system classifies files according to the above-mentioned 6 types and stores files in the corresponding folders. Click to open a folder and play the first file.

Click on the arrows to scroll the directory

Directory name
0. NO iPod
1. Playlists ..... Playlists
2. Artists ..... Artists
3. Albums ..... Albums
4. Genres ..... Genres
5. All Music..... All Music
6. Video..... Video



4. Audio File playing

Touch the song title/name to directly play the song

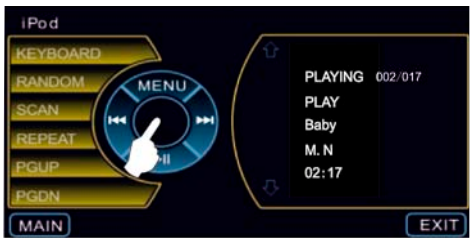
Touch
to select and play the previous/next song.

5. Playing Information

Touch the center of the control plate, and the play information will be displayed in the box on the right:

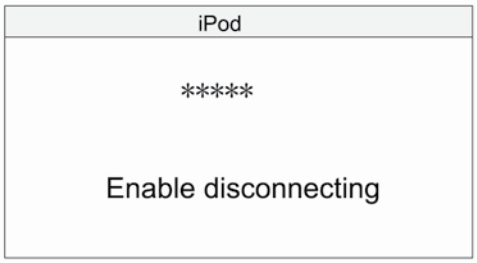
Play information name

NOW PLAY 002/017
Current play track number/total number
Baby ..... opem
M.N..... Special
02: 17 ..... Play time
PLAY (PAUSE)..... Play/pause



Click MENU to return to the play contents menu.

iPod player display image:

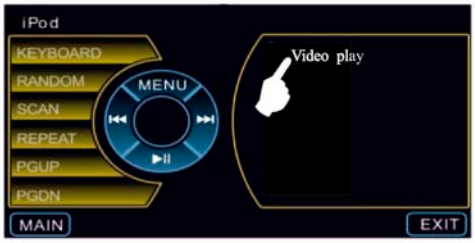


At this mode the iPod player can not be operated

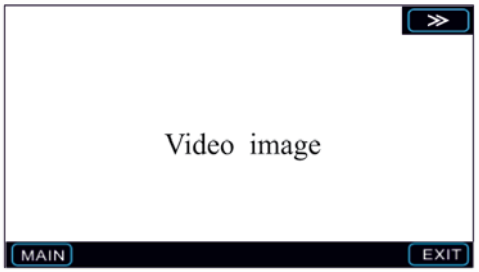
6. Video File Playing

Touch MENU to return to iPod main menu, and then click 6 video in the iPod directory.

Main control is switched back to the iPod. Select video file to play and the video will be played on the system's screen.



Enter video play interface:



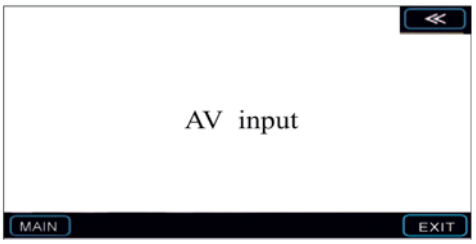
While in video playing mode, touch the screen to open the touch menu. Touch the **"MAIN"** icon, and click iPod to enter iPod operation interface, touch MENU to return to iPod main menu, and then click 1. Playlists item to exit from video play and return to audio play. Touch the **"MAIN"** icon to enter to the home page interface, and touch other function icon to exit.

* Most models of Ipod are compatible with AVN S9000 but not all functionality can be guaranteed.

Note: When selecting the video play, you should switch to iPod Video settings to 'TV Out' to On or Ask
For detailed iPod operation, please refer to the iPod player manual.

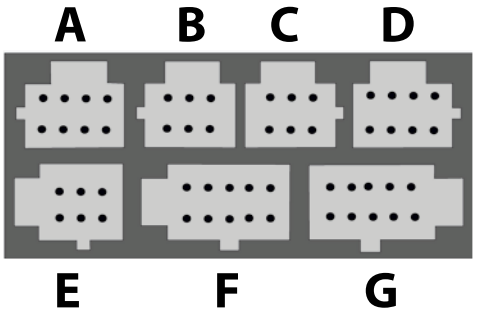
AV Function Operation

Located on the rear of the AVN unit, there are muti -functional compound connection A and D.
For connecting external audio video (AV) sources such a games consoles, video or DVD player.



Press the **"MAIN"** icon to enter home page interface, and touch to enter AV main interface.

Press the **"MAIN"** icon to enter home page interface, and touch other function icon to exit from the AV function status.



Note: Both the A and D interfaces of multi-function interfaces on the rear of the AVN unit can be used as AV input interface, but only one input source can be used at once.
When both the A and D interfaces are not connected to other device, please select A interface prior to B when selecting AV input; otherwise, AV input will be disabled.

NAV Function Operation

1. Enter/Exit

Press the screen slightly to open the touch menu. Press the **"MAIN"** icon slightly to enter home page interface, and touch NAVI to enter navigation main interface.

To exit navigation press the NAV button on the front of the unit.

In navigation mode. only the corresponding touch operation functions relating NAV will be available. if other functions needed, it must exit the navigation mode. See page ???? for full navigation instructions.

2. Navigation Audio and Video Function

When switching to NAV navigation from AV/DVD/disc changer/Video playing mode, still listen to audio from the CD/tuner when the navigation is not issuing spoken instructions.

3. Volume Adjustment

In navigation mode and when music is playing the **'volume control'** will adjust the music volume.

When navigation instructions are spoken the 'volume control' will adjusts the NAVIGATION volume.

Rear Zone Function Operation

The AVN S9000 has dual zone function. Dual Zone allows the front and rear passengers to music or video from different sources.
EG the driver and front passenger can listen to the radio and the rear passengers can watch a DVD.
Additional rear screens and headsets are required (not supplied)

1. Enter/Exit

Open the touch menu and press REAR to enter to rear zone interface while in any playing status.(except ~~NAV~~)

Touch **"exit"** icon to exit.

Note: in CDC mode, the Rear Zone function cannot select DVD.

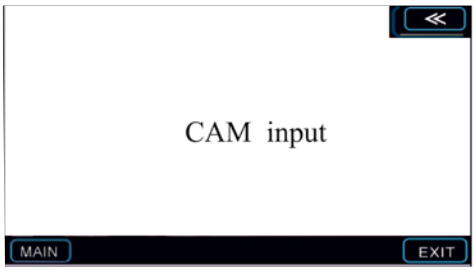
2. Operation

Touch one of the **"TV/AV/DVD"** icon to select the rear zone media playing source.

Note TV function is not available on the AVN S9000 unit.

CAM Function Operation

On this mode, if the rear camera connected, you can view the picture from the rear camera.



On the main menu, touch the icon CAM to enter the rear camera interface

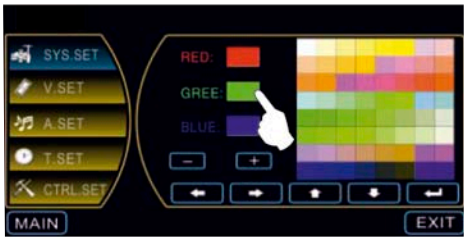
Touch the icon **"Main"** to enter main menu, touch other function icon to enter the corresponding interface.

For automatic selection of the rear camera, when reverse gear is entered, the Orange 'back wire' needs to be connected - see page P6 (where the wiring diagram is)

Button Background Adjustment

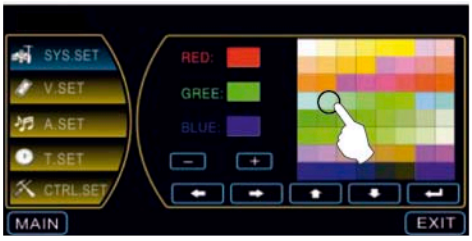
Enter **"System setting"** menu, and touch BACKLIGHT character to change the background colour of the panel buttons.

~~Numerical value~~ of red, green, blue can be adjusted to change LED colour of the panel, Click − + icon to adjust.



Operate the direction cursor to move the light ring to select the background colour.

Touch directly to select background colour, and click ↵ to store the selected background colour.



System Set Up

Basic Operation of Setup Menu

1. Enter/Exit

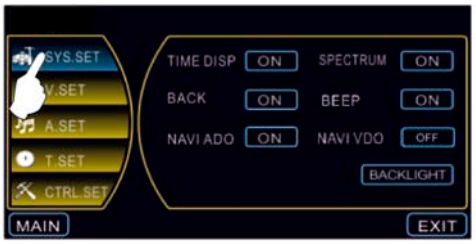
Press the screen slightly to open the touch menu.

Press the **"MAIN'** icon slightly to enter home page interface, and touch SET slightly to enter system setting main interface.

Touch **"exit"** icon to exit the current menu.

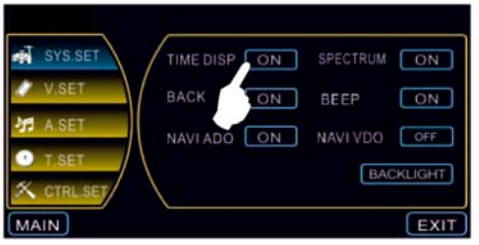
2. System Setup

Touch SYS.SET to enter system settings. Touch **"exit"** icon to exit.



3. Time Setup

Touch TIME DISP ON / OFF icon to turn on time display function, the time will displayed on the lower right comer of the screen.



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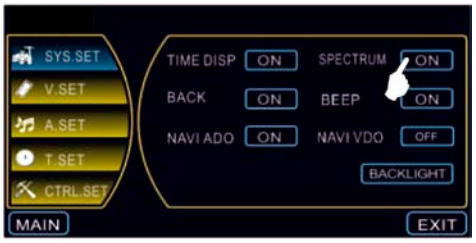
4. Spectrum Display

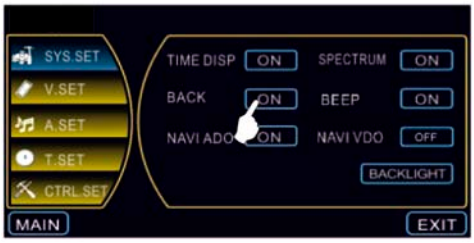
Touch SPECTRUM ON/OFF icon to turn on! off spectrum display function.



5. Backing a Car Function (optional)

Touch BACK ON/OFF

icon to turn on/off reverse function. If radar and camera are connected, the screen will display the reverse state information when proceeding to reverse gear.



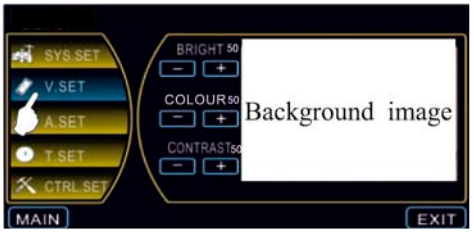
The product has the second generation IPAS results in a clearer image, and reversing will be safer. Snooper recommends cameras which are supplied by ourselves, these cameras have been tested and are fully compatible with the AVN S9000. Once the camera has been installed you will need to select **'Back'** to switch this function On. When you reverse your vehicle, rear image will display on the screen.

6. Background Colour:
Can adjust background colour of the panel buttons. (See details in 2. 13 Button Background Adjustment ground)

Video Setup

Touch **"Video settings"** icon to enter audio settings.

Touch − + to adjust the brightness, chroma and contrast of the image.



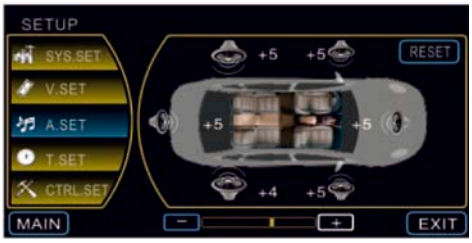
Audio Setup

Click **"Audio settings"** icon to enter audio settings.

Touch the icon **"treble/middle/bass"** ,touch icon − + to adjust the tone.

Touch the icon "RESET" to setup the audio to the default value.

Touch the icon BAL.&FAD. to enter the sound field setup interface.



~~While~~ touch the icon the corresponding icon shown in the right comer of the screen, touch the icon. to adjust the speaker volume, touch RESET to setup the audio to the default.

Touch **"exit"** icon to exit.

Note "Center volume" adjustment is available only when 5.l-channel is on.
Only play 5.lch disc, you can set up 5.lch on turn on mode. When play VCD ,CD ,MP3 disc ,please do turn off 5.1ch.

Time Setup

Touch the icon T.SET to enter the time setup interface.

Touch to select and set the hour or minute
(when the selected item flashes, the adjustment is enabled).

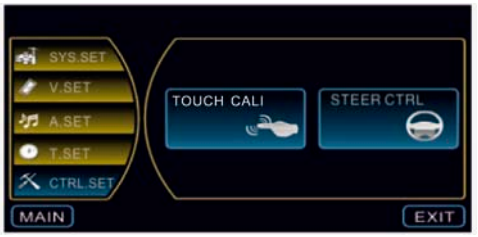
Touch icon to adjust hour/minute, and touch SET icon to save the adjusted time.

Touch 12H icon ,click 12 hours mode to display **"PM"** character.

Touch 24H icons to select 24-hour system.

Control Calibration

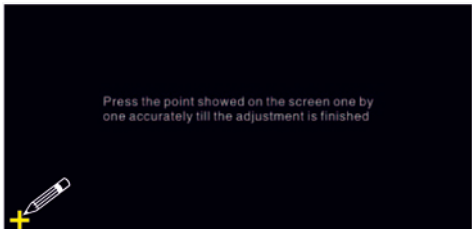
Touch CTRL.SET icon to enter control calibration.
Touch **"exit"** icon to exit.



Touch Screen Calibration

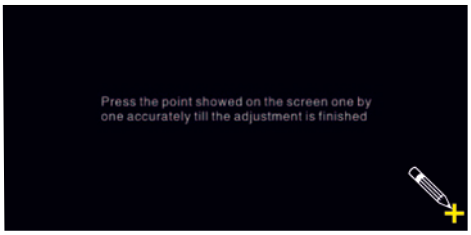
If deviation occurs to touch screen, you can correct the touch coordinates through **"Touch calibration"**.

Touch **"Touch calibration"** icon to enter touch calibration
Click left-down comer

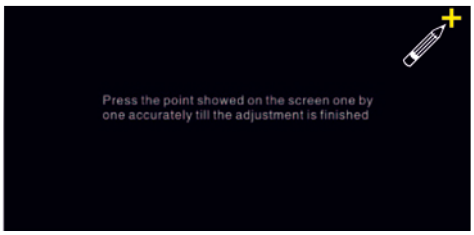


Use the ~~neb~~ to click the central point of **"+"** icon to enter the next adjustment picture.

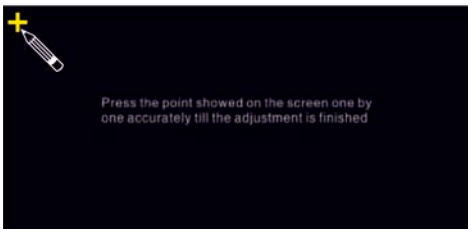
Click right-down comer



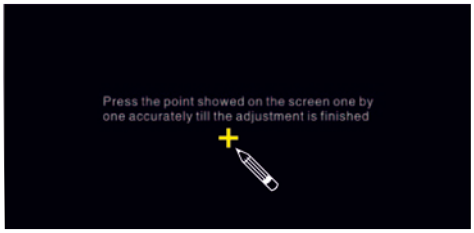
Click right-up comer



Click left-up comer



Click center



Note: If error occurs to touch position, you can correct the touch coordinates through "Touch calibration".
When doing touch correction, the center point of the cross must be accurate, or else the precision of touch correction will be affected. 3. 6 Factory Mode Settings

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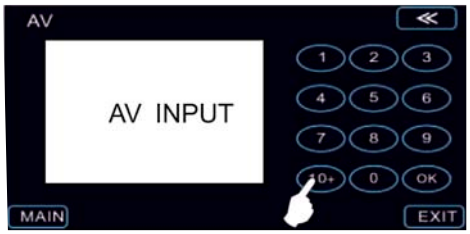
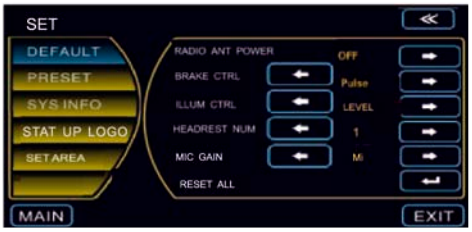
Factory Mode Settings

During factory mode, radio antenna power switch, handbrake control, headset number, system reset, etc. can be set.



Touch AV to enter AV mode, click ≪ to open the number keyboard, and input password **"7253"** as the right figure shows:

Enter to factory mode interface.



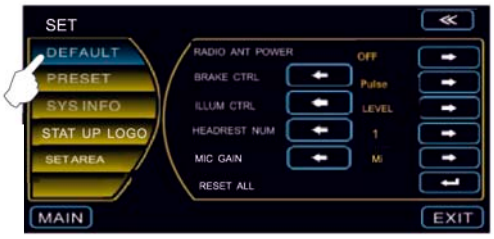
Touch EXIT to exit from factory mode interface.

1. Factory Setup

Touch the icon **"~~Factory Setup~~"** to enter the factory setup interface .

Radio~~ANLP~~
On Off
When the radio antenna wire was used as antenna amplifier power wire, the setting shall be on, the default setting is Off the setting shall be off.

System software version No.



Brake
Off Level Pulse
When there is no handbrake control, the setting is off.
When the hand brake control power supply uses DC power, the setting is level.
When the hand brake control power uses pulse voltage, the setting is pulse width.

Lamp
Off Level Pulse
When small lamp switch control is not necessary for button background, the setting is off.
When the small lamp control power uses DC power, the setting is level.
When the small lamp control power uses pulse voltage, the setting is pulse width.

H~~_Num~~
1 2

The headrest number shall be set according to the actual number, (this product supports up to 2 headsets).

Reset
Click system settings to reset to the factory state. (Under factory mode, each setup is compelling setup, it can not be restored) .

2. PRESET Setup (no user setup items)

3. System Information

Touch the icon SYS INFO to show the system configuration information of the unit.

4. START UP LOGO (no user setup items)

Touch STAT UP LOGO icon to select start up logo.

5. SET AREA

Touch SET AREA to select EUROPE, OIRT, USA!, USA2 for RADIO system.

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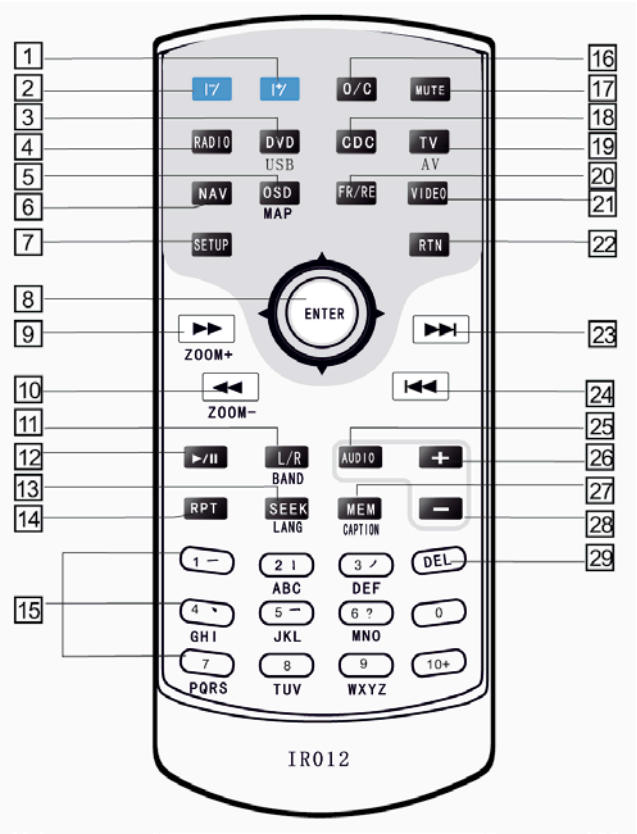
Description of the Buttons on Remote Control

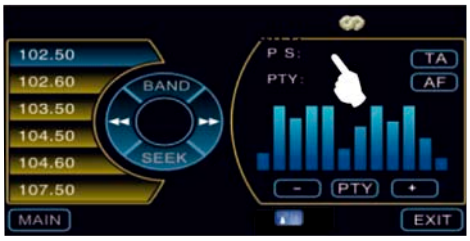


NO.	Button	Description of Button Function
1		Not used
2		Not used
3	**DVD/USB**	1. Switch to DVD status in any status. 2. In DVD status, press it repeatedly to switch the mode among USB/SD/DVD mode in turn.
4	**RADIO**	Switch to RADIO status.
5	**OSD/MAP**	1. In DVD or CDC status, turn on playing information display; 2. In navigation status, switch menu between the map and current place.
6	**NAV**	1. Select navigation status; 2. Press this button in navigation status can enter navigation main menu.
7	**SETUP**	Turn on/ off the setup menu.
8	◀ ▶	1. In RADIO status, seek previous/next station for play; 2. Fast forward / backward in CDC status; 3. Manual fine tuning in TV status; 4. In menu setup status,adjust parameters. 5. In DVD status, no function for playing;
	▼ ▲	1. Ad just previous/next station step by step in RADIO status; 2. In TV status, select previous/next station for play; 3. In CDC status, select next/previous Track or chapter; 4. In menu setting status, select setting menu ~~itcro~~ . 5. In DVD status, no function for playing;
	ENTER	1. Press ~~it vertically~~ as function ~~confinn~~ button; 2. In the fast forward/backward multiplication speed play status, press it vertically can return to normal status.
9	▶▶	1. In RADIO status, search high frequency station semi-automatically; 2. Fast forward in CDC, DVD status; 3. In navigation status, press it to magnify map function.

NO.	Button	Description of Button Function
10	◀◀	1. In RADIO status, search low frequency station semi-automatically; 2. Fast backward in CDC, DVD status; 3. In navigation status, press it to minify the map.
11	**L/R/ BAND**	1. In RADIO status, switch band among FM1,FM2 and AM in turn; 2. Switch sound channels during VCD playing. 3. Switch the language of the disc during DVD playing.(needing disc backing)
12	▶/‖	1. At DVD or CDC mode, switch status between play and pause; 2. Select different input methods in navigation status.
13	**SEEK/LANG**	1. In RADIO status, search station automatically; 2. Switch language of the disc in CDC, DVD status(needing disc backing).
14	**RPT**	
15	**Number button**	I. During DVD playing, select track directly; 2. When inputting characters in navigation status, you can use input method to do it. 3. In CDC playing status, press 1-6 buttons to select discs directly, press 7 to open DVD setup menu and press 8 or 9 button to select disc up/down. 4. In navigation status, when you want input the words, press the button directly to input the words.(navigation system is required.)
16	**O/C**	Not used
17	**MUTE**	Turn on/ off volume. (Unavailable for fixed monitor)
18	**CDC**	Select CDC function when connect with DVD changer.
19	**TV/AV**	Select TV/AV function(It is valid when connect with external TV box or AV signal).
20	**FR/RE**	Switches between dual zone.
21	**VIDEO**	It is unavailable for this player.
22	**RTN**	1. During disc playing, return to main menu; 2. Return to map display menu as the main menu of navigation is turn on.
23	▶▶	1. Select the next station to RADIOrrv status; 2. In CDC, DVD status, select next track/chapter.
24	◀◀	1. Select the previous station to RADIOrrv status; 2. In CDC, DVD status, select previous track/chapter.
25	**AUDIO**	Select EQ among FLAT, CUSTOM, POP, ROCK, CLASSIC and JAZZ.
26	**+**	Increase volume.
27	**MEMiCAPTION**	1. Store the station to the RADIO or Tvstatus; 2. Switch subtitle to DVD, CDC status(needing disc backing).
28	**-**	Reduce volume.
29	**DEL**	Delete the words to the navigation status.

RDS function operation

1. PTY (Program Type) Operation



To enable/disable PTY feature, touch the PTY icon on the screen. when enable, PTY will be highlighted. Touch "+ / -" to browse PTY options ,which is displayed in the PTY fields. If a specific PTY is selected, it will only seek stations in this PTY.

When the PTY is disabled, it will show the current **"PTY"** after 5s.

2. AF (Alternative Frequency) Operation

Click the "AF" icon on the screen, to enable or disable the AF feature of RDS. When AF is enabled seeking will search for RDS signals automatically

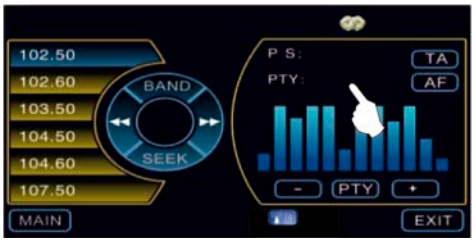
If an RDS signal is received, the RDS icon" " will be displayed on screen in the top right comer.

After a short time, the channel name and style will be displayed in the "PS" and "PTY" fields.

If there is no PTY signal, PTY will display NONE. ";:"',,,

If the RDS signal becomes weaker, the tuner switch to another frequency broadcasting the same station automatically. When RDS is disabled, the " " icon will disappear.

3. TA (Traffic Announcement) Operation



Press the **"TA"** icon on the screen, this will enable or disable the TA feature. When TA is enable it will a ear red in colour. Local traffic information will then be received, during broadcast a

icon will appear in the frequency field.

When TA is enabled,the system will automatically switch ~~back to receive~~ and traffic broadcast information.

Precautions

1. Precaution When Using the Product

Please don't insert the coins or metal object into the CD/DVD slot.
Please don't try to repair. This product is composed of precise electronic components and has no user serviceable parts inside..
Please don't use thinners or other chemical to wipe the surface of the display screen. Grease or dirt should be wiped off by soft cloth.
If water or other substance enters into the product, please turn off the power supply immediately and contact the distributor.
Do NOT insert or remove map card and/or connect a wire or accessory during start-up.
If the drive mechanism is blocked, do NOT handle it by force. Please call a dedicated maintenance personnel to repair.

2. Precautions for Installation of external AMP

Check if the resistance of the speaker matcher with that of the AMP. Please use high-quality speaker wires, and the length of the wire must be exact.
To reduce the static noise, adjust the volume to the 2/3 of the max volume, and adjust the volume of the AMP to the distortion when with AMP.

3. Precaution for Discs

Discs which was dirt,dust,scratches and bending on surface will cause malfunction.
Do not place a disc on sharp object, or the disc may be scratched.
Do not use discs with a diameter less than 12cm (not including 12cm)or discs with irregular shapes such as heart or octangular shape, etc.
Disc cleaning: Rub the disc surface by soft damp cloth; if the disc is quite dirty, use soft damp cloth with alcohol to rub gently.
Please don't use dissolvent such as gasoline, dilution or common disc cleanser, since they may damage discs.

Trouble Shooting

Before sending this player for service as required, please carry out inspection or small adjustment according to possible causes of occurred problems stated on the list below. It is possible that problems will be solved and this player will go back to normal operation. If you have any doubt about the problems on the list or the problem can't be solved effectively by following the remedy as instructed, please contact with our company or professional service center.

Problem	Possible Cause	Remedy
No display of LCD	Fuse blowing	Replace with a new fuse
	Loose wire	Reconnect properly.
	Communication between main machine and vehicle control system failed	Press Reset key of the main machine and reconnect
	Main machine control system communication failed	Press Reset key of the main machine and restart
	Too low storage battery voltage. System's automatic protection activated	Charge the storage battery to 12V
	~~Mis-set as blank state~~	Touch the screen to restore the display
No sound played	System in mute state	Press Mute key exit from mute state
	Loose sound cabinet wire	Reconnect properly.
	Damaged sound cabinet	Replace with a new sound cabinet
No image played	Wrong disk position	Surface with label upwards on the tray
	Dirty or damaged disk	Try another disk
	Loose/bad wire connection	Reconnect properly.
	Wrong use of AV input port	Please refer to AV function operation for selecting ports
	Wrong iPod play video file setting	Please refer to descriptions of iPod function operation
Occasional sound skipping	Dirty or damaged disk	Try another disk
~~Sound skipping during vibration~~	~~Wrong installation of the main machine~~	~~Ensure fixing the main machine securely~~
	~~Wrong twisting direction of the disk changer installation screws~~	~~Place angle adjusting screws marked with V or H to the correction installation directions.~~
Disabled Bluetooth hands free function	Wrong matching with the main machine	Rematch
Bluetooth matching failed or unable to match	Compatible problem exists between some models of cell phone Bluetooth and the product.	Replug the car key to start up and match
Touch failed/too slow action	Touch coordinate offset	Recalibrate the touch coordinate
	Main machine control system communication error	Press the Reset key to restart or restart the machine
Car reversing failed	Wrong or bad reversing wire connection	Reconnect
	Wrong or bad camera and radar connection	Reconnect
	Reversing setting isn't set as **"On"**	Access system settings, and set the reversing as **"On"**.
No key tone	The "Key tone" is set as **"On"**	Access system settings, and set "Key tone" as **"On"**
There is music but no accompanying sound during DVD playing	Wrong language setting	Reset the language key
	Set the speaker as S.ICR state and vehicle sound cabinet as 2CW4CR. The setting doesn't match the device.	Set the speaker as stereo, and set the audio setting "S.I" as **"Off"**.

Problem	Possible Cause	Remedy
Key backlight can't be lit or	The **"Small lamp control"** setting in factory mode is not corresponding the small lamp control wire connection state or small lamp power supply.	Reset the small lamp control form
Disabled hand brake	Wrong or bad hand brake connection	Reconnect
	Under factory mode , grip brake control is set up to turn off mode.	To turn on mode. Renew set up grip brake control
Disabled steering wheel control	Wrong connection between steering wheel wire and steering wheel control wire of the main machine	Reconnect
	Failed connection between steering wheel and main machine	Redo steering wheel ~~training~~
	~~The way of steering~~ wheel control ~~can not~~ compatible with ~~our host~~.	please contact with our company after professional service for technical sustain.
Disabled tire pressure detection Not accurate	Tire pressure detection setting error	Reset
	Insufficient or no tire pressure	Replace the battery

Product Specifications

System Parameters

Working voltage	DC 11V-14V
Standby current	MAX 15
Working temperature	10mA
Reserve temperature	-20 - 60
Video system	-30 - 80
Screen dimensions	Auto PAL/NTSC/SECAM
Weight	137.52mm(H)×77.22mm(V)

Radio Parameters

Range of frequency	
EUROPE	FM: 87.50MHz-108MHz
	AM: 522KHz - 1620KHz
USA1	FM: 87.50MHz-108MHz
	AM: 530KHz - 1620KHz
USA2	FM: 87.50MHz-107.9MHz
	AM: 530KHz - 1620KHz
USA3	FM: 87.50MHz-107.9MHz
	AM: 530KHz - 1710KHz
M EAST	FM: 87.50MHz-108MHz
	AM: 531KHz - 1602KHz
ETC.	

Note: only one Radio system selected by the customer.

Display mode	TFT panel display or OSD
Memory capacity	18 FM stations; 6 AM stations
Search mode	Automatic/manual

DVD Parameters

Video output	1±0.2Vp-p75Ω
Disc format	Diameter 12cm
Disc compatible	DVD/VCD/CD/MP3/ WMA/JPEG/MPEG4

Audio Parameters

Channel imbalance		≤2dB
Separation		≥45dB
Frequency response	20Hz~20KHz(±3dB)	
Tone Control	Bass	100Hz±8dB
	Mid	1KHz±8dB
	Treble	10KHz±8dB

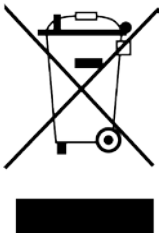
Amplifier Parameters

Test voltage	13.8V
Max output power	4×10W
Speaker resistance	4Ω 4 8Ω could be accepted

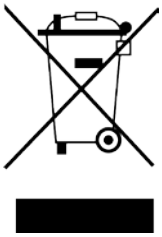
Packing List With Built-in NAV Module

Standard Accessories	
Model	Qty
Power loudspeaker wire	1pcs
5.1 AV output wire	1pcs
USB patch cord	1pcs
Steering wheel connecting wire	1pcs
AV output wire	1pcs
User's manual	1copy
Quick guide	1copy
NAV receiving antenna	1pcs
Writing pen	1pcs

Optional Accessories	
AV input wire A	1pcs
iPod adapter	1pcs
External TV box	1set
Tire pressure monitoring system	1set
Tire pressure monitoring wire	1pcs
NAV map card	1pcs
Remote control	1pcs



Disposal of Old Electrical &Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)
This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.
Applicable accessories: Remote ~~commander~~, Microphone, GPS antenna (aerial)



Disposal of waste batteries
(applicable in the European Union and other European countries with separate collection systems)
This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.
For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.
For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

SERVICE UNDER WARRANTY

AVN S9000 comes with a standard 12 month manufacturer's warranty.

If, for some reason your unit requires service under warranty return AVN S9000 by special delivery and in suitable packaging to:

The Returns Dept.,
Performance Products Limited,
Cleaver House,
Sarus Court,
Stuart Road,
Manor Park,
Runcorn WA7 1UL.
Tel: 0333 240 1000
Fax: 0333 240 1100

Enclose the following information:
(a) Your name, address and a full description of the problem.
(b) A telephone number where you can be reached during business hours.
(c) Serial number of your unit.
(d) Proof of Purchase

PLEASE NOTE: We cannot process any warranty claims unless proof of purchase is provided. Please retain your receipt as a precaution.

Full terms and conditions of warranty are available on request.